

CATALOGUE

OF THE

University of North Carolina

AT

CHAPEL HILL

NINETY-THIRD YEAR

1887-1888

TRUSTEES.

The government of the University is under the control of a Board of eighty Trustees, elected by the joint vote of the General Assembly. Of these, one-fourth go out of office, and their places are filled, every two years. Although not so required by law, in practice they are distributed among the Congressional Districts. The Board meets regularly twice a year; in the winter at Raleigh, on a day selected by the chairman, and in the summer at Chapel Hill, during Commencement week. The former is called the Annual Meeting. The Governor is *ex-officio* president of the Board. Ten constitute a quorum. During the recess of the Board, an Executive Committee of seven Trustees, elected at the annual meeting, exercises all the powers of the Board of Trustees, except those specially reserved.

PRESIDENT:

HIS EXCELLENCY, ALFRED M. SCALES.

SECRETARY AND TREASURER:

HON. WILLIAM L. SAUNDERS.

MEMBERS OF THE BOARD:

Hon. S. M. FINGER, Superintendent of Public Instruction, <i>ex-officio</i> .			
Hon. A. C. AVERY-----	Burke -----	*November 30, 1889.	
Hon. C. M. COOKE-----	Franklin -----	“	“
KERR CRAIGE, Esq.-----	Rowan -----	“	“
Hon. J. J. DAVIS, LL. D.-----	Franklin -----	“	“
Col. G. N. FOLK-----	Caldwell-----	“	“
JAMES A. GRAHAM, Esq.-----	Alamance -----	“	“

*Term of office expires.

EUGENE GRISSOM, M. D., LL. D.	Wake	*November 30, 1889.
C. W. HOLLOWELL, Esq.	Pasquotank	" " "
Hon. THOS. J. JARVIS, LL. D.	Pitt	" " "
Rev. NEILL MCKAY, D. D.	Harnett	" " "
Hon. W. L. STEELE	Richmond	" " "
Rev. J. L. STEWART	Sampson	" " "
ISAAC R. STRAYHORN, Esq.	Orange	" " "
Hon. GEO. V. STRONG	Wake	" " "
Col. S. McD. TATE	Burke	" " "
Hon. C. R. THOMAS	Craven	" " "
Hon. R. B. VANCE	Buncombe	" " "
†JOSEPH WILLIAMS, Esq.	Yadkin	" " "
H. D. WILLIAMSON, M. D.	Columbus	" " "
†Rev. N. H. D. WILSON, D. D.	Guilford	" " "
Hon. KEMP P. BATTLE, LL. D.	Orange	*November 30, 1891.
JAMES S. BATTLE, Esq.	Nash	" " "
ROBERT L. BEALL, M. D.	Caldwell	" " "
CHARLES W. BROADFOOT, Esq.	Cumberland	" " "
HENRY R. BRYAN, Esq.	Craven	" " "
FABIUS H. BUSBEE, Esq.	Wake	" " "
Hon. PAUL C. CAMERON	Orange	" " "
Maj. JOHN D. CAMERON	Buncombe	" " "
E. HAYNE DAVIS, Esq.	Iredell	" " "
JOHN W. FRIES, Esq.	Forsyth	" " "
BENJAMIN F. GRADY, Esq.	Duplin	" " "
WM. J. HAWKINS, M. D.	Wake	" " "
Hon. THOS. S. KENAN	Wilson	" " "
W. W. LENOIR, Esq.	Watauga	" " "
WM. N. MEBANE, Esq.	Rockingham	" " "
A. HAYWOOD MERRITT, Esq.	Chatham	" " "
J. EDWIN MOORE, Esq.	Martin	" " "
Col. JAMES T. MOREHEAD	Guilford	" " "
Hon. WM. L. SAUNDERS	Wake	" " "
Hon. ZEBULON B. VANCE, LL. D.	Mecklenburg	" " "
Col. A. B. ANDREWS	Wake	*November 30, 1893.
RICHARD H. BATTLE, Esq.	Wake	" " "
Col. JOSEPH A. BITTING	Forsyth	" " "
JULIAN S. CARR, Esq.	Durham	" " "
WM. H. CHADBURN, Esq.	New Hanover	" " "
WM. H. DAY, Esq.	Halifax	" " "
Col. JOHN M. GALLOWAY	Rockingham	" " "
WM. E. HILL, Esq.	Duplin	" " "
JAMES H. HORNER, Esq.	Granville	" " "
Hon. GEORGE HOWARD	Edgecombe	" " "
A. M. LEWIS, Esq.	Wake	" " "

*Term of office expires. †Deceased.

Hon. MONTFORD MCGEEHEE	Person	*November 30, 1893.
THOMAS W. MASON, Esq.	Northampton	" " "
Col. PAUL B. MEANS	Cabarrus	" " "
LEE S. OVERMAN, Esq.	Rowan	" " "
JAMES PARKER, Esq.	Gates	" " "
Hon. CHARLES PRICE	Rowan	" " "
Rev. THOS. H. PRITCHARD, D. D.	New Hanover	" " "
Hon. JOHN C. SCARBOROUGH	Johnston	" " "
JOHN E. WOODARD, Esq.	Wilson	" " "
CHARLES B. AYCOCK, Esq.	Wayne	*November 30, 1895.
Rev. A. D. BETTS	N. C. Conference,	" " "
Hon. R. R. BRIDGERS,	New Hanover	" " "
Col. W. H. S. BURGWIN	Vance	" " "
CHARLES A. COOK, Esq.	Warren	" " "
Hon. GEORGE DAVIS, LL. D.	New Hanover	" " "
Hon. W. T. FAIRCLOTH	Wayne	" " "
Hon. JOHN A. GILMER	Guilford	" " "
Maj. JOHN W. GRAHAM	Orange	" " "
H. A. GUDGER, Esq.	Buncombe	" " "
Hon. THOS. M. HOLT	Alamance	" " "
A. LEAZAR, Esq.	Iredell	" " "
Rev. W. S. LONG	Alamance	" " "
HAMILTON C. McMILLAN, Esq.	Robeson	" " "
Hon. JOHN MANNING, LL. D.	Orange	" " "
ROBERT B. PEEBLES, Esq.	Northampton	" " "
†Hon. JAMES L. ROBINSON	Macon	" " "
SOLOMON C. WEILL, Esq.	New Hanover	" " "
FRANK D. WINSTON, Esq.	Bertie	" " "
W. J. YATES, Esq.	Mecklenburg	" " "

*Term of office expires. †Deceased.

EXECUTIVE COMMITTEE:

HIS EXCELLENCY, ALFRED M. SCALES, CHAIRMAN *ex-officio*.
HON. PAUL C. CAMERON.
RICHARD H. BATTLE, Esq.
JULIAN S. CARR, Esq.
EUGENE GRISSOM, M. D., LL. D.
A. M. LEWIS, Esq.
HON. W. L. SAUNDERS.
HON. GEORGE V. STRONG.

COMMITTEE OF VISITATION:

A Special Committee of Visitation of Seven Trustees inspect annually, in person, and report on the working of the institution.

MEMBERS OF THE COMMITTEE FOR 1888:

Rev. N. H. D. WILSON, D. D., Chairman.
Hon. PAUL C. CAMERON.
Hon. C. M. COOKE.
Hon. S. M. FINGER.
J. W. FRIES, Esq.
BENJAMIN F. GRADY, Esq.
Hon. JOHN MANNING, LL. D.

1887 88

FACULTY AND OFFICERS.

HON. KEMP P. BATTLE, LL. D.,
PRESIDENT.

FACULTY.

(IN ORDER OF OFFICIAL SENIORITY.)

HON. KEMP P. BATTLE, LL. D.,
Professor of Political Economy, Constitutional and International Law.

REV. CHARLES PHILLIPS, D. D., LL. D.,
Professor Emeritus of Mathematics.

REV. ADOLPHUS W. MANGUM, A. M., D. D.,
Professor of Mental and Moral Science.

RALPH HENRY GRAVES, B. Sc., C. AND M. E.,
Professor of Mathematics.

GEORGE TAYLOE WINSTON,
Professor of the Latin Language and Literature.

FRANCIS PRESTON VENABLE, PH. D., F. C. S.,
Professor of General and Industrial Chemistry.

JOSEPH AUSTIN HOLMES, B. Agr.,
Professor of Geology and Natural History.

JOSHUA WALKER GORE, C. E.,
Professor of Natural Philosophy and Engineering.

HON. JOHN MANNING, LL. D.,
Professor of Law.

REV. THOMAS HUME, JR., A. M., D. D.,
Professor of the English Language and Literature.

NELSON B. HENRY,
Professor of the Science and Art of Teaching.

WALTER D. TOY, M. A.,
Professor of Modern Languages.

WILLIAM B. PHILLIPS, PH. B., PH. D.,
Professor of Agricultural Chemistry and Mining.

EBEN ALEXANDER, B. A., PH. D.,
Professor of the Greek Language and Literature.

JAMES LEE LOVE, PH. B.,
Associate Professor of Mathematics.

GEORGE F. ATKINSON, PH. B.,
Associate Professor of Natural History.

CLAUDIUS DOCKERY, PH. B.,
Instructor in Latin.

STEPHEN B. WEEKS, A. B., A. M.,
Instructor in English.

OFFICERS:

JAMES LEE LOVE,
Secretary.

VICTOR S. BRYANT AND ST. CLAIR HESTER,
Society Librarians.

J. W. GORE,
Registrar.

W. T. PATTERSON.
Bursar.

STUDENTS 1887--'88.

POST-GRADUATE STUDENTS.

BYNUM, OLIVER CLEGG	<i>Σ A E</i>	Law	<i>Δ c</i>	Bynum's.
		A. B., (Univ. of N. C., '86.)		
COX, PIERRE BAYARD	<i>K A</i>	Law	<i>φ</i>	Tarboro.
		A. B., (Univ. of N. C., '86.)		
DOCKERY, CLAUDIUS	<i>Σ A E</i>	History, Law	<i>Δ c</i>	Mangum.
		Ph. B., (Univ. of N. C., '87.)		
GATTIS, SAMUEL MALLETT		Law	<i>Δ c</i>	Chapel Hill.
		Ph. B., (Univ. of N. C., '84.)		
HEILIG, LAWSON EDWIN		Law		Mt. Pleasant.
		A. B., (N. C. College, '87.)		
HILLIARD, E. E.		Law		Scotland Neck
		A. B., (Wake Forest College, '82.)		
KITCHEN, W. W.		Law		Scotland Neck
		A. B., (Wake Forest College, '84.)	<i>φ *</i>	
MANN, JULIAN SMITH	<i>K A</i>	Law	<i>φ</i>	Middleton.
		A. B., (Univ. of N. C., '85.)		
MANNING, PIERRE BEAUREGARD	<i>Δ K E</i>	Law	<i>φ</i>	Wilmington.
		A. B., (Univ. of N. C., '86.)		
MCNEILL, WM. HAMILTON		Law	<i>Δ c</i>	Winder.
		A. B., (Univ. of N. C., '87.)		
MILLER, JAMES DANIEL		Pedagogy	<i>φ</i>	Raleigh.
		Ph. B., (Univ. of N. C., '84.)		
RANSOM, THOMAS ROBERT	<i>φ K Σ</i>	Law	<i>φ</i>	Weldon.
		A. B., (Georgetown College, D. C., '85.)		
TUCKER, WILLIAM R.	<i>A T Σ</i>	Law	<i>φ</i>	Raleigh.
		Ph. B., (Univ. of N. C., '87.)		
UZZELL, ROBERT LEE		Eng., Ang.-Sax., Fr., Ger.	<i>φ</i>	Chapel Hill.
		B. S., (Univ. of N. C., '86.)		
WEEKS, STEPHEN BEAUREGARD		Ang.-Sax., Eng., Lat., Ger.	<i>φ</i>	Eliz. City.
		A. B., (Univ. of N. C., '86), A. M., (Univ. of N. C., '87.)		

FOURTH YEAR STUDENTS—(SENIORS).

ARMFIELD, EUGENE MOREHEAD	<i>φ T Δ</i>	Cl.,	<i>Δ c</i>	High Point.
BACHELOR, OLIVER DOUGLAS	<i>φ Δ φ</i>	Cl.,	<i>φ</i>	Nashville.
BATTLE, WILLIAM JAMES	<i>ψ</i>	Cl.,	<i>Δ c</i>	Chapel Hill.
BRASWELL, ARCHIE, JR.		Sc.,	<i>φ</i>	Whitaker's.
DAIL, WM. JACKSON BEAUREGARD		Sc.,	<i>φ</i>	Snow Hill.

** Resigned 1889*

DAVIS, HAYNE	$\Sigma \psi$	Cl.,	Δ_c	Statesville.
EDWARDS, LUTHER BELL		Cl.,	ϕ	Henderson.
ESKRIDGE, THOMAS JOSEPH		Sc.,	Δ_c	Shelby.
FOUST, CHARLES GEORGE	$\phi \theta A$	Ph.,	Δ_c	Columbia Fact'y.
HARPER, FRANCIS MARION	$\Delta K E$	Ph.,	ϕ	Kinston.
HEADEN, WILLIAM EDWARDS	$\phi \Delta \theta$	Cl.,	Δ_c	Pittsboro.
HESTER, ST. CLAIR	$\Delta K E$	Cl.,	ϕ	Kittrell.
JOHN, MAXCY LUTHER	$\Sigma A E$	Ph.,	Δ_c	John Station.
LEWIS, HENRY WATSON		Cl.,	ϕ	Lewiston.
LITTLE, WILLIAM MYERS	$\Sigma A E$	Cl.,	Δ_c	Little's Mills.
PALMER, MALVERN HILL	$\Delta K E$	Ph.,	ϕ	Greenback.
SMITH, ROBERT LEE	$\phi T \Delta$	Ph.,	Δ_c	Norwood.
THORP, BENONI	$\Delta K E$	Sc.,	ϕ	Berea.
WITHERS, EUGENE PERSON	$\phi \theta A$	Ph.,	Δ_c	Danville, Va.

THIRD YEAR STUDENTS—(JUNIORS).

ANDERSON, JACOB MARCUS		Ph.,	Δ_c	Pleasant Grove.
ATS BORDEN, EDWIN BROWNRIGG, Jr.		Ph.,	ϕ	Goldsboro.
BRYANT, VICTOR SILAS		Ph.,	Δ_c	Pineville.
CATES, CALEB GILMER		Ph.,	Δ_c	Rock Spring.
CLEMENT, HERBERT	$\Sigma A E$	Cl.,	Δ_c	Mocksville.
CURRIE, DANIEL JOHNSON	$\phi T \Delta$	Cl.,	Δ_c	Stewart's Stat'n.
CURTIS, WALTER MAKEPEACE	$\Sigma A E$	Ph.,	Δ_c	Franklinsville.
DAVIS, JAMES E. B.		Ph.,	ϕ	Pikeville.
EDWARDS, GEORGE WALTER		Sc.,	Δ_c	Elk Creek.
60A EGERTON, MONTRAVILLE WALKER		Cl.,	Δ_c	Hillgirt.
EURE, MILLS ROBERTS	$\Delta K E$	Cl.,	ϕ	Norfolk, Va.
HAMMOND, WALTER MONROE	$\phi T \Delta$	Cl.,	Δ_c	Archdale.
HARRIS, HUNTER LEE		Sc.,	ϕ	Raleigh.
HARRIS, JAMES ROBERT		Cl.,	ϕ	Rolesville.
HENDRICKS, JOHN ADDISON		Sc.,	Δ_c	Jerusalem.
HILL, JOHN SPRUNT	$\Sigma A E$	Ph.,	Δ_c	Faison.
HOWELL, LOGAN DOUGLASS	$\Sigma \psi$	Cl.,	ϕ	Goldsboro.
JOHNSTON, HENRY	$\phi K \Sigma$	Cl.,	ϕ	Tarboro.
LITTLE, LACY LEGRAND	ATS	Cl.,	Δ_c	Little's Mills.
LYNCH, LEANDER WILLIAM		Sc.,	Δ_c	Cuba.
MOORE, THOMAS LAKE	$\phi \theta A$	Ph.,	Δ_c	Greenville, S. C.
PATTON, JOHN WEBSTER		Ph.,	ϕ	Burlington.
ROBERSON, WILLIAM STONE		Cl.,	ϕ	Cicapel Hill.
STRONACH, ALEXANDER	$\phi \Delta \theta$	Ph.,	ϕ	Raleigh.
TOMS, CLINTON WHITE	$\Sigma \psi$	Ph.,	ϕ	Hertford.
TYSON, BENJAMIN FRANKLIN		Cl.,	ϕ	Greenville.
WEBB, CHARLES AURELIUS	$\phi \theta A$	Cl.,	Δ_c	Warren Plains.
WILLS, GEORGE STOCKTON		Ph.,	ϕ	Greensboro.
WILSON, WILLIAM ALBERT	$\phi \theta A$	Cl.,	Δ_c	Southerland.
WOOD, HENRY GILLIAM	$\Delta K E$	Ph.,	ϕ	Edenton.

o Resigned 1887

SECOND YEAR STUDENTS—(SOPHOMORES).

BATTLE, GASTON	ϕ KE	Ph.,	ϕ °	Rocky Mount.
BATTLE, WILLIAM SMITH, Jr.	ϕ KE	Ph.,	ϕ °	Warrenton.
BELLAMY, JOHN DILLARD	EA E	Cl.,	Δ °	Wilmington.
BENNETT, JOHN TYLER		Ph.,	Δ °	Norwood.
BLACKWOOD, CHARLES ALEXANDER		Sc.,	ϕ	Chapel Hill.
BLOUNT, SAMUEL MASTERS	Δ KE	Cl.,	ϕ	Washington.
BRADHAM, CALEB DAVIS		Ph.,	ϕ	Chinquapin.
BRAGAW, STEPHEN CAMBRELENG		Ph.,	ϕ °	Washington.
BRIDGERS, GEORGE JONES		Sc.,	ϕ °	Wilmington.
CARTER, ROBERT EDWARD	KA	Cl.,	ϕ °	Fairfield.
COLLINS, GEORGE W. KENT	ZV	Ph.,	ϕ °	Hillsboro.
DARNALL, HARRY JOHNSTON	ϕ T A	Ph.,	ϕ	Durham.
FARRELL, JOHN THOMAS		Cl.,	Δ °	Bingham School.
GRISSOM, EUGENE, Jr.		Cl.,	ϕ	Raleigh.
HOLMES, JOHN SIMCOX		Agr.,	Δ °	Bowman's Bluff.
HOWELL, GEORGE PIERCE	ZV	Ph.,	ϕ °	Goldsboro.
HUTCHINGS, TYRRELL WADE		Nor.,	ϕ	Chapel Hill.
JIMESON, JAMES ELLIOTT		Nor.,	Δ °	Three Forks.
KELL, SAMUEL HICKMAN		Cl.,	Δ °	Pineville.
LEDBETTER, HENRY DAVID	ϕ T A	Cl.,	Δ °	Rockingham.
LEE, THOMAS MOSSETTE		Cl.,	Δ °	Clinton.
LOVE, EDGAR	ϕ O A	Ph.,	Δ °	Gastonia.
MCIVER, ALEXANDER, Jr.	ϕ O A	Cl.,	Δ °	Oaks.
MCKETHAN, EDWIN ROBESON	ϕ O A	Cl.,	ϕ	Fayetteville.
MERRIMON, CHARLES JOHNSTON		Ph.,	ϕ	Raleigh.
MILLER, HUGH LEE	A T O	Ph.,	ϕ °	Goldsboro.
NORFLEET, JAMES KIRKPATRICK		Ph.,	Δ °	Winston.
PHILIPS, JAMES JONES	ZV	Cl.,	ϕ	Tarboro.
RANSOM, PATRICK EXUM	E A E	Sc.,	ϕ	Garysburg.
RICHMOND, ROMAN EUGENE		Sc.,	Δ °	Memphis, Tenn.
ROSENTHAL, ALBERT	ZV	Ph.,	ϕ °	Goldsboro.
SAUNDERS, RICHARD BENBURY		Cl.,	ϕ	Durham.
SHAFFNER, WILLIAM FRANCIS	E A E	Ph.,	Δ °	Salem.
SHAW, HOWARD BURTON	ZV	Cl.,	ϕ °	Tarboro.
SIMMONS, WILLIAM SILAS		Ph.,	Δ °	Anderson's Store
SNIPES, WILLIAM SEATON		Ph.,	Δ °	Lambsville.
TILLEY, GEORGE VANCE		Ph.,	Δ °	Chapel Hill.
WHITSITT, WILLIE T.		Ph. & Nor.,	Δ °	Gibsonville.
WILLIAMS, JOHN ROBERT		Cl.,	Δ °	Apex.
WILLS, WILLIAM HENRY		Cl.,	ϕ	Greensboro.

FIRST YEAR STUDENTS—(FRESHMEN).

AMICK, THOMAS CICERO.....	Nor.,	phi Δ °	Liberty.
ANDREWS, WILLIAM JOHNSTON	ΣAE Cl.,	Δ °	Raleigh.

° Resigned 1887.

BAHNSON, GEORGE WILLIAM	Sc.,	Δ_c	Farmington.
BALL, MCCORD WRIGHT	Ph.,	ϕ	Greensboro.
BATCHELOR, FRANK HOWARD	Cl.,	ϕ	Raleigh.
BELLAMY, RUSSELL $\Sigma A E$	Cl.,	Δ_c	Wilmington.
BLOUNT, JOHN GRAY $\Delta K E$	Cl.,	ϕ	Washington.
BRASWELL, JAMES CRAIG	Sc.,	ϕ	Battleboro.
BRYAN, SHEPARD $A T \Omega$	Cl.,	ϕ	New Berne.
BUTLER, GEORGE EDWIN	Ph.,	Δ_c	Huntley.
BYNUM, ERNEST TAYLOR	Cl.,	Δ_c	Pittsboro.
CAMPBELL, REUBEN	Cl.,	Δ_c	Statesville.
CHATHAM, PAUL $\phi T \Delta$	Sc.,	Δ_c	Elkin.
CHRISTIAN, ROBERT WALL	Sc.,	Δ_c	Mt. Gilead.
CLINE, GEORGE WILBUR	Ph.,		Hickory.
COLLINS, PLATO	Ph.,	ϕ	Kinston.
COVINGTON, FRANK LEAK	Cl.,	Δ_c	Wilmington.
CROWELL, GEORGE HENRY	Ph.,	Δ_c	Bilesville.
CUNINGGIM, JESSE LEE	Cl.,	ϕ	Chapel Hill.
CURRIE, GEORGE HENDON	Cl.,	ϕ	Clarkton.
CURRIE, NEILL ALEXANDER	Cl.,	ϕ	Clarkton.
DALRYMPLE, PALMER	Cl.,	Δ_c	Jonesboro.
DAVIES, WILLIAM WATKINS, Jr. $\phi \Delta \theta$	Ph.,	Δ_c	Drapersville, Va.
EASON, ROBERT RANSOM	Ph.,	ϕ	Selma.
EDGERTON, CHARLES NEWTON	Ph.,	ϕ	Goldsboro.
FLEMING, JOHN MARTIN, Jr.	Cl.,	Δ_c	Raleigh.
GILLIAM, HENRY AUGUSTUS, Jr. $\Delta K E$	Ph.,	ϕ	Tarboro.
GRAHAM, GEORGE MORDECAI $Z \psi$	Ph.,	Δ_c	Hillsboro.
GRAHAM, PAUL CAMERON $Z \psi$	Ph.,	Δ_c	Hillsboro.
GRAINGER, CHARLES WILLIAM $A T \Omega$	Ph.,	ϕ	Goldsboro.
GREEN, BENJAMIN THORP	Ph.,	ϕ	Franklinton.
GREEN, FREDERICK AUGUSTUS $\phi \theta A$	Ph.,	ϕ	Durham.
GREGORY, SAMUEL BABCOCK $\Delta K E$	Ph.,	ϕ	Crowell.
GUIRKIN, LEV	Sc.,	ϕ	Elizabeth City.
GUYER, SAMUEL JACOB	Sc.,	Δ_c	Bethany.
HAIGH, CLAUDE HAMILTON $\phi \theta A$	Sc.,	ϕ	Fayetteville.
HILL, ROBERT DUDLEY	Ph.,	ϕ	Faison.
HODGES, PAUL ARENDELL	Ph.,	ϕ	Kinston.
HOGAN, DAVID ROSSVILLE	Ph.,	$\phi \Delta_c$	Chapel Hill.
HOKE, VANWYCK $\phi \Delta \theta$	Ph.,		Raleigh.
HOLT, WILLIAM IRWIN $\Sigma A E$	Sc.,	Δ_c	Graham.
KOONCE, FRANCIS DIVAUL, Jr.	Cl.,	ϕ	Richlands.
LEWIS, JOHN STANBACK	Cl.,	Δ_c	Sulphur Springs.
MANGUM, CHARLES STAPLES $Z \psi$	Cl.,	Δ_c	Chapel Hill.
MCNEILL, JOHN PINKNEY	Nor.,	ϕ	Lumberton.
MOREHEAD, JOHN MOTLEY $\Sigma A E$	Sc.,	ϕ	Leaksville.
PATTERSON, ANDREW HENRY, $\Sigma A E$	Ph.,	ϕ	Salem.
POPE, WILLIAM HENRY	Cl.,		Pittsboro.

Reigned 1867.

RANSOM, GEORGE	Ph.,	Δ_c	Garysburg.
ROSS, EUGENE CLIFTON	Nor.,	Δ_c	Edwards' Mills.
SLADE, JAMES JEREMIAH, Jr.	Cl.,	Δ_c	Columbus, Ga.
SPOON, WILLIAM LUTHER	Sc.,	Δ_c	Hartshorn.
STATON, HENRY	Cl.,	Δ_c	Tarboro.
THOMPSON, SEYMOUR COLUMBUS	Nor.,	Δ_c	Cedar Cliff.
VAUGHN, ROBERT GALLAWAY	Sc.,	Δ_c	Madison.
WALL, WILLIAM MILLARD	Nor.,	Δ_c	Mt. Airy.
WARREN, JOS. EDWARD JOHNSON	Nor.,	Δ_c	Rosedale.
WHARTON, HENRY WATSON	Cl.,	Δ_c	Greensboro.
WHITAKER, DEBERNIERE HOOPER	Ph.,	Δ_c	Raleigh.
WHITE, JAMES WILLIAM	Ph.,	Δ_c	Clinton.
WILLIAMS, ALBERT SIDNEY	Ph.,	Δ_c	Wilmington.
WILLIAMS, PATRICK HENRY	Cl.,	Δ_c	Elizabeth City.
WINBORNE, PETER PARKER	Cl.,	Δ_c	Barnitz.

OPTIONAL STUDENTS.

COX, THOMAS ALEXANDER	2d year	Δ_c	Hertford.
GREEN, JAMES RANDOLPH	2d	Δ_c	Durham.
GRIFFITH, WALTER EVANS	1st	Δ_c	Chapel Hill.
HADLEY, LUCIEN SANDERS	1st	Δ_c	Wilson.
HARGROVE, CHARLES BUDWOOD	2d	Δ_c	Tarboro.
LEWIS, JOSEPH VOLNEY	1st	Δ_c	Rutherfordton.
LONDON, JOHN HAUGHTON	2d	Δ_c	Pittsboro.
MASON, JAMES BRUCE, Jr.	1st	Δ_c	Chapel Hill.
MCALISTER, CHARLES CALVIN	1st	Δ_c	Asheboro.
MANNING, ISAAC HALL	5th	Δ_c	Chapel Hill.
RICHARDSON, ALFRED SMITH	2d	Δ_c	Whiteville.
SAPP, OSCAR LANAY	1st	Δ_c	Kernersville.
SMITH, KIRBY HOBTON	2d	Δ_c	Goldsboro.
STROWD, THOMAS WILSON	3d	Δ_c	Chapel Hill.
TAYLOR, JAMES SPOTTSWOOD	1st	Δ_c	University of Va.
THIES, ERNEST AUGUST	1st	Δ_c	Concord.
VALENTINE, THOMAS WOODD	2d	Δ_c	Bowman's Bluff.
WILLIAMS, OLIVER LAFAYETTE	1st	Δ_c	Farmington.
WILLIAMS, WILLIAM W.	2d	Δ_c	Raleigh.
WILLIAMSON, JAMES COLON	1st	Δ_c	Cerro Gordo.
WOODARD, PAUL LEE	2d	Δ_c	Black Creek.
YATES, WILLIAM JAMES, Jr.	1st	Δ_c	Charlotte.

STUDENTS IN LAW.

BYNUM, OLIVER CLEGG	Δ_c	Bynum.
COX, PIERRE BAYARD	Δ_c	Tarboro.
CROWELL, JAMES LEE	Δ_c	Bilesville.

* Resigned 1884.

o Resigned 1887.

DREW, FRANK	<i>47 R</i>	Jacksonville, Fla.
DOCKERY, CLAUDIUS	<i>2 A E</i>	Mangum.
DULS, CHARLES HENRY		Charlotte.
FARMER, JAMES ARTHUR		Wilson.
GATTIS, SAMUEL MALLETT	<i>Δ</i>	Chapel Hill.
HECK, GEORGE CALLENDINE		Raleigh.
HEILIG, LAWSON EDWIN		Mt. Pleasant.
HILL, THOMAS NORFLEET	<i>KA</i>	Halifax.
HILLIARD, E. E.		Scotland Neck.
HOLCOMB, VIRGIL ERASTUS	<i>Δ</i>	Rockford.
KITCHEN, W. W.		Scotland Neck.
MAJETTE, MARK		Como.
MANN, JULIAN SMITH	<i>KA</i>	Middleton.
MANNING, PIERRE BEAUREGARD	<i>Δ K E</i>	Wilmington.
McNEILL, WILLIAM HAMILTON		Winder.
NORFLEET, JAMES M.		Greenville.
RANSOM, THOMAS ROBERT	<i>Δ K Σ</i>	Weldon.
SHAW, HENRY ELIAS		Willard.
SHEPHERD, GEORGE GOODRIDGE		Charleston, S. C.
SUGGS, WILLIAM M.		Chapel Hill.
TUCKER, WILLIAM R.	<i>Δ R</i>	Raleigh.
WHEDBEE, THOMAS C.		Hertford.
WHITTINGTON, HIRAM ALLEN		Burnsville.

SUMMARY.

Post-Graduate Students	15
Fourth Year Students	19
Third Year Students	30
Second Year Students	40
First Year Students	63
Optional Students	22
Law Students	26
	<hr/>
	215
Names counted twice	12
	<hr/>
Total	203

+ Resigned 1884.

PROGRAMME OF COMMENCEMENT.

JUNE, 1887.

June 1. ADDRESS BEFORE THE LITERARY SOCIETIES.

HON. JOHN GOODE, of Virginia.

BACCALAUREATE SERMON.

REV. JOSEPH R. WILSON, D. D., of Tennessee.

REPRESENTATIVES.

Philanthropic Society.

O. D. Batchelor,
L. D. Howell,
H. T. Murphy.

Dialectic Society.

J. R. Parker,
J. A. Hendricks,
J. L. Crowell.

June 2.

SENIOR SPEAKERS.

L. M. Bourne,
R. N. Hackett,
W. H. McDonald,
W. H. McNeill,
A. M. Simmons,
W. S. Wilkinson,

Claudius Dockery,
J. C. Johnson,
L. P. McGehee,
Haywood Parker,
C. F. Smith,
D. T. Wilson.

R. G. Grissom,
V. W. Long,
J. F. McIver,
H. F. Shaffner,
H. R. Starbuck,

SENIOR ESSAYISTS.

Joseph H. Baker,
J. A. Morris,

R. T. Burwell,
W. R. Tucker.

James McGuire.

HONORARY DEGREES CONFERRED.

DOCTORS OF LAW (LL. D.)

Hon. J. J. Davis.....	North Carolina.
Morris H. Henry, A. M., M. D.....	New York.
Rt. Rev. Theodore B. Lyman.....	North Carolina.
Hunter McGuire, M. D.....	Virginia.

DOCTORS OF DIVINITY (D. D.)

Rev. John G. Bacchus.....	Brooklyn, N. Y.
Rev. L. C. Vass	North Carolina.

DEGREES CONFERRED IN COURSE.

BACHELOR OF ARTS (A. B.)

Baker, Joseph Henry	Tarboro.
Bourne, Louis Milton (<i>cum laude</i>)	Tarboro.
McDonald, William H. (<i>cum laude</i>)	Raleigh.
McGehee, Lucius Polk (<i>maxima cum laude</i>)	Raleigh.
McIver, John Fenelon (<i>cum laude</i>)	Winder.
McNeill, William Hamilton	Winder.
Morris, Joseph Algernon (<i>cum laude</i>)	Wilton.
Parker, Haywood (<i>cum laude</i>)	Enfield.
Simmons, Albert Marchant (<i>cum laude</i>)	Fairfield.
Smith, Claudius Ferdinand (<i>cum laude</i>)	Coxville.
Starbuck, Henry Reuben (<i>cum laude</i>)	Winston.
Wilkinson, William Stronach (<i>cum laude</i>)	Tarboro.
Wilson, Delonza Tate (<i>cum laude</i>)	Hobton.

BACHELORS OF PHILOSOPHY (PH. B.)

Burwell, Robert Turnbull (<i>cum laude</i>)	Raleigh.
Dockery, Claudius (<i>magna cum laude</i>)	Mangum.
Hackett, Richard Nathaniel	Wilkesboro.
Johnson, Jacob Coart (<i>cum laude</i>)	Johnson's Mills.
Long, Vernon W. (<i>cum laude</i>)	Chapel Hill.
McGuire, James, Jr.	Mocksville.
Shaffner, Henry Fries (<i>cum laude</i>)	Salem.
Tucker, William R.	Raleigh.

BACHELOR OF SCIENCE (B. S.)

Grissoni, Robert Gilliam (<i>magna cum laude</i>)	Raleigh.
---	----------

MASTERS OF ARTS (A. M.)

Turrentine, Samuel Bryant	Hillsboro.
Weeks, Stephen Beauregard	Elizabeth City.

DOCTOR OF PHILOSOPHY (PH. D.)

Battle, Herbert Bemerton	Raleigh.
--------------------------	----------

SPECIAL CERTIFICATES.

MATHEMATICS.

Little, William Myers	Little's Mills.
McGehee, Lucius Polk	Raleigh.
Wilson, Delonza Tate	Hobton.

LATIN.

McGehee, Lucius Polk Raleigh.

CHEMISTRY.

Grissom, Robert Gilliam Raleigh.

Shaffner, Henry Fries Salem.

NATURAL PHILOSOPHY.

Burwell, Robert Turnbull Raleigh.

Dockery, Claudius Mangum.

Grissom, Robert Gilliam Raleigh.

McGehee, Lucius Polk Raleigh.

HONORS.

VALEDICTORY ORATION.

McGehee, Lucius Polk Raleigh.

PHILOSOPHICAL ORATION.

Dockery, Claudius Mangum.

SCIENTIFIC ORATION.

Grissom, Robert Gilliam Raleigh.

GREEK PRIZE.

Battle, William James Chapel Hill.

MATHEMATICAL PRIZE.

Little, William Myers Little's Mills.

WORTH PRIZE.

McGehee, Lucius Polk Raleigh.

CHEMISTRY MEDAL.

Grissom, Robert Gilliam Raleigh.

MANGUM MEDAL.

Bourne, Louis Milton Tarboro.

REPRESENTATIVE MEDAL.

Batchelor, Oliver Douglas Nashville.

MAGAZINE MEDAL.

Egerton, Montraville Walker Hillgirt.

GENERAL INFORMATION.

HISTORY.

The University of North Carolina was established in obedience to a clause of Section XLI of the Constitution of the State, adopted on the 18th of December, 1776, viz.: "All useful learning shall be duly encouraged and promoted in one or more Universities."

The charter was granted in 1789. The Trustees were among the most distinguished citizens of that day. Samuel Johnston, one of the first Senators of the United States from North Carolina, was chairman. Governor Benjamin Smith was the first benefactor, giving twenty thousand acres of land in Tennessee. The most active worker for the new institution was William Richardson Davie, called the "Father of the University," afterwards Governor and Commissioner to France.

On October 12th, 1793, annually commemorated as "University Day," the corner-stone of the Old East Building was laid. The buildings are now nine in number, with ample dormitories, recitation rooms, laboratories and public halls, situate in a campus of fifty acres, covered with forest trees, and adjoining over five hundred acres of University woodland.

LOCATION.

Chapel Hill, the seat of the University, is a village of about eight hundred inhabitants, twenty-eight miles northwest of Raleigh.

It is reached by a branch of the North Carolina Railroad, from "University Junction," a station between Durham and Hillsboro.

Among many sites pressed upon the Trustees, Chapel Hill was chosen because of its central position in the State, its uncommon healthiness, its elevation (over five hundred feet above the sea-level), its fine supply of clear pure water and its charming scenery.

The life of the village is plain, quiet, temperate and refined, offering few temptations to vice or allurements from study.

THE SESSION.

The annual session begins regularly on the last Thursday in August, and ends on the first Thursday in June.

The session is divided into two terms by a short intermission at Christmas.

REQUISITES FOR ADMISSION.

As a rule, each matriculate must be sixteen years old ; but exceptions may be allowed at the discretion of the Faculty. The following are the subjects for the entrance examination :

LATIN.—Cæsar's Gallic War (5 books), Virgil's *Æneid* (5 books), Cicero's Orations (4), Latin Grammar and Composition (Bingham's Grammar, or Gildersleeve's Primer, or the first half of Gildersleeve's Exercise Book with the Grammar). Equivalent amounts from other authors will be accepted. A thorough acquaintance with the forms of declension and conjugation and the general principles of construction is absolutely essential. Slight deficiencies in the amount of reading may be supplied after entering.

GREEK.—Xenophon's *Anabasis* (3 books), simple exercises in translating English into Greek, Greek Grammar (Goodwin or Hadley-Allen), a good knowledge of which is required. Applicants who have not read the entire three books of the *Anabasis*, may, if the rest of their preparation is satisfactory, make good their deficiency by private study during the first term.

[Applicants for Classical course will be required to exhibit a general acquaintance with Ancient History, Geography and Mythology].

MATHEMATICS.—*Arithmetic*, including what is contained in Sanford's Higher Arithmetic or an equivalent work ; *Algebra*, including the Elementary rules, use of brackets, factoring, greatest common di-

visor, least common multiple, fractions, simple and simultaneous equations, involution, evolution, &c., to quadratic equations.

ENGLISH.—English Grammar (Whitney, Bain), Introduction to Rhetoric and Composition (Clark, D. J. Hill, Reed and Kellogg), Outlines of English and American History and Literature (Freeman, Brooke, Gilman). Special attention, it is hoped, will be given to preparation for this department, so that it shall include studies in well-annotated standard authors. Sprague's Irving, Swinton's Studies in Literature (authors of the 19th century), Garnett's Studies in Longfellow, Shakspeare's Julius Cæsar (Rolfe's or Hudson's Edition) are recommended.

Applicants wishing to pursue the Classical course are examined in the above studies. Those desiring to take the Philosophical course are examined in Latin or Greek, according to selection made, Mathematics and English. For the Scientific course the applicants are examined in Mathematics and English.

Optional students are examined in such of the above as relate to the studies they select.

For admission into advanced classes, applicants will be examined in the studies completed by the classes they wish to join.

ANNUAL EXPENSES.

The University endeavors to reduce to a *minimum* the necessary expenses of education. The only charges are :

Tuition -----	\$60 00
Annual Fee -----	10 00
	<hr/>
Total per annum -----	\$70 00

The cost of board, clothing, traveling, books, &c., will depend largely upon each individual. Unfurnished rooms and service are provided by the University. Board may be had at prices ranging from \$8.00 to \$13.00 per month. Furnished rooms, with board, may be had in private families, for a limited number of students, at \$10 per month ;

washing, \$1.00 per month ; wood, \$2.00 per cord ; books and stationery at New York prices. The entire annual expense need not exceed \$300, and it may be reduced below \$200.

The University fees are required to be paid semi-annually in advance. In special cases time is allowed and students unable to pay may give notes. By a recent act of the Legislature free tuition is offered to candidates for the ministry, sons of ministers, and in the Teacher's course, to young men preparing to teach ; but the annual fee must be paid by every student before he is allowed to register.

The Faculty earnestly recommend parents to deposit necessary funds for the expenses of their sons with W. T. Patterson, Esq., Bursar of the University, who will safely keep and disburse the same without charge.

DISCIPLINE.

The University aims to secure a discipline based upon manliness and self-respect, and to use discipline as an instrument for developing character.

There is no system of demerits or espionage. The University is not a school for boys. It requires of its students, (1) to use their time properly, (2) to keep out of vice. To this end, every student is expected to attend at least fifteen class-exercises weekly, to perform his work faithfully, and to observe order and quiet in and near the buildings during study hours ; and students are not allowed to carry or use pistols and other dangerous weapons, or to drink or give to others any intoxicating liquor, or to indulge in hazing or teasing new students, or to absent themselves from their classes except on necessity, or to leave Chapel Hill unless permitted by the President or Chairman of the Faculty.

The laws of the State prohibit the sale of liquor within four miles of Chapel Hill. Every temptation to vice is put away as far as possible.

Students who are wilfully vicious, idle or disorderly are not desired at the University and are removed from it as soon as discovered.

CLASS EXERCISES.

Each student is required to attend fifteen class exercises per week. Experience having shown that many students, by attempting too much work, have materially damaged both their health and scholarship, the Faculty will not allow any one to attend more than eighteen class exercises a week, unless for special reasons and by special permission.

EXAMINATIONS.

In addition to the daily recitations, systematic written examinations are held from time to time on the various studies, and at the close of each term comprehensive and searching final examinations are held on all the studies pursued during the term. In estimating the scholarship for the term, the final examinations count one-third.

REPORTS.

Monthly reports are made to parents or guardians concerning the punctuality and diligence of the students, and detailed reports of scholarship are made at the close of each term.

LITERARY EXERCISES.

In connection with the University are the Dialectic and Philanthropic Literary Societies, to one of which each student is required to attach himself, unless excused for special reasons. The halls of these societies are commodious and elegantly furnished. Each society owns many valuable portraits of distinguished Alumni. Medals are offered by each society for excellence in declamation, essays and debate.

The exercises of these societies deserve to be ranked among the advantages offered by the University. They afford practice in debating and writing, and familiarize the students with the rules of order governing deliberative assemblies.

LIBRARIES.

The Philanthropic and Dialectic and University Libraries have been consolidated and carefully arranged in Smith Hall. The consolidated library is open daily, except Sunday, for the use of students. It contains twenty-five thousand volumes and five thousand pamphlets, illustrating every department of literature and science. Additions are made each year; and the books are used as instruments, not only for the general culture and entertainment of the students, but also for their special training and in the development of their capacity for original investigation and higher culture, under the guidance of the professors in the several departments. The libraries are managed by a member of the Faculty with two students, who are elected by the Literary Societies.

READING ROOM.

The Reading Room, supported by the two Literary Societies and the Faculty, is an important part of the general equipment of the University. Containing sixty-five of the leading American and Foreign magazines, reviews and journals (technical, literary, religious and political), it offers to all both cultivation and recreation.

It is comfortable and well-lighted, and is open daily from 8 A. M. to 6 P. M.

There is also in the Room a Reference Library containing dictionaries, encyclopedias, &c.; and the library under the same roof is within easy reach of those who wish to make further investigation.

PUBLIC LECTURES.

In addition to the lectures presented before the Mitchell Scientific Society, the Shakspeare Club and the Historical Society, the University sustains a course of Public Lectures.

The following record will indicate their character.

1. Comparative and United Progress of English Literature and History	Dr. H. E. Shepherd.
2. History of the Constitution of North Carolina	Dr. Kemp P. Battle.
3. The Round Table	Dr. Thomas Hume.
4. Pestalozzi, the Teacher	Prof. N. B. Henry.
5. Psychology of Dreams	Dr. A. W. Mangum.
6. German Universities	Prof. W. D. Toy.
7. A Trip to Europe	Prof. G. T. Winston.
8. Von Helmont, a 16th Century Chemist	Dr. W. B. Phillips.
9. Sir Walter Raleigh	Dr. H. E. Shepherd.
10. Old Times in North Carolina	Prof. E. A. Alderman.
11. The Growth of an Industry	Dr. F. P. Venable.
12. History of the Right to Hold Alien Land	Dr. John Manning.
13. Mythology and Folk-lore	Prof. E. Alexander.
14. Solar Heat	Prof. J. W. Gore.
15. America before Columbus	Hon. A. M. Waddell.
16. Wm. Richardson Davie	A. D. Jones, Esq.
17. The College Graduate in Pursuit of a Living	J. S. Long, Esq.
18. Public School Problem	Hon. S. M. Finger.
19. The Italian Boot	Rev. Geo. B. Taylor.

THE ELISHA MITCHELL SCIENTIFIC SOCIETY.

This Society for the promotion of scientific study was established in October, 1883. Its regular meetings are held on the second Tuesday of each month during the session. At these meetings papers are read giving the results of original research. The progress made in the various branches of science is also reported upon.

The aim is to stimulate individual workers, and to enable the members to keep up with the growth of science.

The Society is a State Society and includes among its members all scientific workers in the State. The students,

as associate members, are allowed all the advantages of the Society.

A semi-annual journal is published, containing accounts of the meetings and all original papers. Between five and six hundred pages have thus been published. This journal is exchanged for the publications of more than one hundred other learned bodies and scientific societies, and through this means the library of the society is rapidly growing and will soon be very valuable.

Occasional lectures on popular scientific subjects are delivered by resident members of the society and lecturers invited from a distance. Three such have been delivered this session.

- | | |
|--------------------------------------|--|
| 1. Bread and Brains..... | By Dr. W. B. Phillips, Chapel Hill. |
| 2. Ditch Water..... | { By Prof. W. L. Poteat,
Wake Forest College. |
| 3. Biography of Dr. W. C. Kerr | By Prof. J. A. Holmes, Chapel Hill. |

SHAKSPERE CLUB.

This Society was organized in November, 1886, for the critical study of Shakspeare and other dramatists. One of the professors presides and prepares the scheme of work. The meetings have been held regularly twice a month. Occasional public meetings are held. The interest is maintained by carefully prepared papers, addresses and free debate. Some attention is given to the spirited rendition of select passages.

Arrangements are made for a course of lectures. The course up to this time is as follows:

- | | |
|--------------------------------------|-------------------------|
| Shakspeare as a Moral Teacher..... | By Prof. Thos. Hume. |
| Mephistopheles and Iago | By Prof. G. T. Winston. |
| Shakspeare's Legal Acquirements..... | By Hon. A. M. Waddell. |
| Shakspeare and Greek Tragedy | By Prof. E. Alexander. |

The nucleus for a Shakspeare Library has been formed. A journal containing a summary of the proceedings and

discussions, and a scheme of readings for 1887-'88, was issued in June, 1887. The scheme of readings for 1888-'89 is here indicated :

1. The Two Gentlemen of Verona. Sources of the Story. Montemayor's Diana. Shakspeare's Progressive Art. Delineation of Romantic Love. Similar Characters in later plays. Shakspeare's Clowns.
2. King Richard the Third. Method of Using the old Chronicles and Chronicle-plays. Influence of Historical Dramas on the National Spirit. Lowell's View of the non-Shaksperian Authorship. The Peculiar Characterization. The old Latin Play. History of Dramatic blank verse.
3. Shakspeare's Predecessors and Contemporaries. His Originality. Greene's Pamphlets. Marlowe's Influence. Kyd's Tragedies. Lyly's Comedies and Euphune's. Jonson's Dramatic Method. Shakspeare and Bacon.
4. Measure for Measure, Compared with All's Well that Ends Well and the Merchant of Venice. Shakspeare's use of Old Fiction. Varieties of His Humor. Method of Ethical Teaching. Advance in Delineation of Female Character. The Man in the Book.
5. The Winter's Tale. Discussion of the Periods or Groups to which the Plays belong. Nature and Kinds of Evidence. Shaksperian Versification. Value of Subordinate Characters. Moral Spirit. Scenery.
6. Hamlet. Authorship of the Older Play. History of the Tragedy of Blood. Hamlet Literature. The German Play-Actor's Interpretation. Dramatic Treatment of Insanity. Psychological Problems. Movement of the play compared with that of others.
7. The Doubtful Plays. Edward the Third. The Two Noble Kinsmen. The Yorkshire Tragedy and Arden of Feversham compared with other Dramatic Tragedies.

The Club will, in the future, do its work in connection with the Seminary of Literature and Philology, and hold its meetings on the second Wednesday night of every month.

THE NORTH CAROLINA HISTORICAL SOCIETY.

This Society is engaged in the study of our State history and the collection of documents and materials for its illustration. Meetings, as a rule, are held monthly. At these

meetings historical papers are read, and discussion had. The following is a partial list of the subjects discussed during the present session :

The Objection to the Federal Constitution in the North Carolina Convention of 1788; by President Battle.

The Characters of John Dunn and Benjamin Boothe, the Tory lawyers of Rowan; by Prof. Mangum.

A Sketch of Duelling in North Carolina, and between North Carolinians; by Mr. Stephen B. Weeks.

A Discussion of the Characters of Governor Gabriel Johnston and of his Opponents; by Prof. Winston.

A Criticism of the Accepted Historical Opinions of Governor Johnston; by Mr. Claudius Dockery.

A Discussion of the Conduct and Motives of the Regulators; by President Battle.

Capt. Wm. Moore's Expedition against the Cherokees, with Explanation of the Route and Localities; by Maj. J. W. Wilson. [The original report of Capt. Moore was contributed by Mrs. M. M. Chambers, of Morganton, from the papers of her ancestor, Col. Waightstill Avery.]

Humorous Account of his Election and Experience as Major of the Battalion of Home Guards in 1864; by Major Wm. A. Smith.

History of the State of Franklin; by Prof. Alexander.

THE SEMINARY OF LITERATURE AND PHILOLOGY.

This association has been formed for the benefit of students who feel a special interest in literary work; and to promote research along special lines with more thoroughness and individuality than is possible in the class-room. The professors in the several departments of the University, besides guiding and assisting in the regular work of the Seminary, present from time to time the results of their own special labors. At each meeting reports are made concerning new publications, new theories and methods, new achievements in every department of literary work.

The Seminary meets on the fourth Wednesday evening of each month. The programme for the next academic year (1888-'89) is arranged for eight meetings, as follows:

1. LYRIC POETRY:—A Comparison between Ancient and Modern Lyrics; Lyrics of Love and Friendship; Lyrics of War and Patriotism; Lyrics of Nature; Pindar; Horace; Gœthe; Schiller; Heine; Victor Hugo; Burns; Moore; Wordsworth; Tennyson.

2. THE HISTORIANS:—The Development of Historical Literature ; Methods of Historical Treatment ; Styles of Historical Composition ; “ *Historia Scribitur ad narrandum non ad probandum* ; ” The Tendency of History away from Literature and towards Science ; The Great Historians of Modern Times.
3. SACRED LITERATURE :—The Literary Influence of the English Bible ; Greek, Latin, French and German Versions of the New Testament ; Influence of the Wicliffite and Tyndale Versions ; Mediæval Latin Hymns and their Translations ; Greek and Latin Sacred Poetry ; English and German Hymns of the Reformation ; The Influence of Luther's Version on the German Language ; The Philological Value of Ancient Sacred Literature ; The Psalms.
4. WORDS :—Their Tendency towards Multiplication and Differentiation in Form and Meaning ; The Elevation and the Degradation of Words ; The Three-fold Nature of Words ; Popular Errors Reflected in Words ; The Growth and Decay of Words ; The Derivation of Parts of Speech ; The Origin of Moods ; Names.
5. THE DRAMA :—Its Origin and Development ; The Greek Drama ; The Latin Drama ; The Mediæval Plays ; The Modern Drama ; The Decay of the Drama ; The Drama as a Mirror of National Life ; The French Stage ; The German Drama.
6. THE SUPERNATURAL IN LITERATURE :—Visions and Dreams ; Witches, Demons and Ghosts ; Miracles ; Omens and Auguries ; Oracles and Prophecy ; The Ancient and the Modern Use of the Supernatural.
7. THE ALPHABET :—Its Origin and Development ; Comparative Sounds of Letters in Ancient and Modern Alphabets ; Consonantal Equivalents and Variations ; The Ideal Alphabet ; The Phonetic Alphabet ; Egyptian Writing ; Cuneiform Inscriptions.
8. EPIC POETRY :—Its Origin and Growth ; The Iliad and Odyssey ; The Æneid ; The Paradise Lost ; The Arthurian Epics ; Beowulf ; La Chanson de Roland ; Das Niebelungenlied ; The Decline of Epic Literature ; The Epic of the Future.

THE UNIVERSITY MAGAZINE

Is published six times during the year, under the auspices of the Philanthropic and Dialectic Societies. Its objects are : To encourage the students to independent literary work ; to furnish a review of University matters ; to chronicle the proceedings of the literary, scientific and historical organizations, including the publication of important papers presented at their meetings ; to record items of news about the University Alumni and students. Each number

contains matter of importance to all who are interested in the University, besides much that is attractive to the general reader.

RELIGIOUS SERVICES.

The students are expected to attend the Sunday Bible classes, the daily morning prayers in the University chapel, and the Sunday services in the several churches in the village.

YOUNG MEN'S CHRISTIAN ASSOCIATION.

There is a branch of the Young Men's Christian Association among the students. It has many members of spirit and activity, and its influence for good is very marked. Regular meetings are held every Sunday afternoon, and prayer-meetings each evening during the week, except Friday and Sunday, in one of the University halls set apart for the purpose.

MUSEUMS.

Every scientific department of the University is equipped with a museum of specimens for laboratory work; and besides these working museums there is a large and valuable collection of specimens in botany, geology, mineralogy, zoology and entomology, carefully arranged for exhibition in the UNIVERSITY MUSEUM.

MEDALS AND PRIZES.

MEDAL FOR ORATORY.—The Misses Mangum, of Orange, offer *in memoriam* of their father, Willie P. Mangum, a gold medal as a prize for the best oration, at the annual Commencement.

THE MATHEMATICAL PRIZE.—A prize is offered in honor of Dr. James Phillips and Dr. Charles Phillips, by the sons of the latter. It will be awarded to the member of the third class in Mathematics who attains the highest proficiency above a certain absolute standard.

THE MORAL SCIENCE MEDAL.—Mr. David G. Worth, of Wilmington, offers a medal for the best scholarship in Moral Science.

THE GREEK PRIZE.—Offered to the member of the Sophomore Greek Class who presents the best rendering into English of selected passages of Greek not previously read.

THE B. F. MOORE SCHOLARSHIPS.

The late B. F. Moore, of Raleigh, bequeathed \$5,000, the interest of which is to be devoted to paying the tuition of students.

THE DEEMS FUND.

This Fund was instituted by the Rev. Dr. C. F. Deems, pastor of the Church of the Strangers, New York, as a memorial of his son, Lieutenant Theodore Disosway Deems, who was born at Chapel Hill while his father was in the Faculty of the University. It is intended to assist needy students by loans. In 1881 it was greatly enlarged through the munificence of Mr. Wm. H. Vanderbilt. On the 1st of February, 1888, there were notes, the principal of which amounted to \$13,060.50, representing current loans to students. To that date 110 students had been helped by the fund. As payments are made, new loans will be made to applicants who meet the requirements. They must come with good recommendations for character; or, if members of the University, must have demonstrated to the Faculty that they are worthy of assistance. The loans are made at six per cent. interest, on satisfactory security, and for a sufficient length of time to make the payments easy.

THE FRANCIS JONES SMITH FUND.

Miss Mary Ruffin Smith, of Orange, has left a valuable tract of fourteen hundred and forty acres of land in Chatham county, known as the Jones Grove Tract, the income

of which, or of the proceeds if sold, shall be used for the education of such students as the Faculty may designate.

Part of this income will be available during the ensuing Autumn.

The above name is given to the fund at the request of the testatrix.

UNDERGRADUATE COURSES OF STUDY.

The Faculty recommends one of the following courses of study :

[The figures in parentheses denote the number of recitations or lectures per week.]

CLASSICAL COURSE.

This leads to the degree of Bachelor of Arts, (A. B.)

FIRST YEAR.

FIRST TERM.—Algebra (4), Latin (4), Greek (4), English (2), History (1), Hygiene (six lectures), (Practical Morals (six lectures).

SECOND TERM.—Geometry (4), Latin (4), Greek (4), English (2), History (1).

SECOND YEAR.

FIRST TERM.—Trigonometry (4), Latin (4), Greek (4), Chemistry (3), English (1).

SECOND TERM.—Analytical Geometry (4), Latin (2), Greek (4), Chemistry (3), English (1).

THIRD YEAR.

FIRST TERM.—Physics (4), Logic (2), English (1), Elective (8), of which at least (3) must be devoted to a modern or classic language.

SECOND TERM.—Physics (4), Logic and Psychology (2), English (1), Elective (8), subject to same conditions as in first term.

FOURTH YEAR.

FIRST YEAR.—Political Economy (2), English Literature (3), Essays and Orations (1), Psychology and Moral Philosophy (2), Elective (6), subject to same conditions as in third year.

SECOND TERM.—Constitutional and International Law (3), English Literature (3), Essays and Orations (1), Moral Philosophy (2), Elective (6), subject to same conditions as in third year.

ELECTIVE STUDIES.—French (3), German (3), Latin (4), Greek (4), Anglo-Saxon (3), Industrial Chemistry (3), Qualitative Chemical Analysis (3), Quantitative Chemical Analysis and Assaying (3), Physiology, Zoology and Botany (3), Economic Entomology (3), Advanced Botany (3), Surveying and Engineering (3) Calculus (4), Practical Horticulture (2),

Biological Laboratory (2), Astronomy ($1\frac{1}{2}$), Theoretical Mechanics ($1\frac{1}{2}$), Geology ($1\frac{1}{2}$), Mineralogy ($1\frac{1}{2}$), Metallurgy ($1\frac{1}{2}$), Mental and Moral Philosophy (2), Physics (2).

PHILOSOPHICAL COURSE.

This leads to the degree of Bachelor of Philosophy, (Ph. B.)

FIRST YEAR.

FIRST TERM.—Algebra (4), Latin or Greek (4), German or French (3), English (2), History (1), Physiography (1), Hygiene (six lectures), Practical Morals (six lectures).

SECOND TERM.—Geometry (4), Latin or Greek (4), German or French (3), English (2), History (1), Physiography (1).

SECOND YEAR.

FIRST TERM.—Trigonometry (4), Latin or Greek (4), German or French (3), Chemistry (3), English (1).

SECOND TERM.—Analytical Geometry (4), Latin or Greek (4), German or French (3), Chemistry (3), English (1).

THIRD YEAR.

FIRST TERM.—Physics (4), Physiology (3), Logic (2), English (1), Elective (6).

SECOND TERM.—Physics (4), Zoology and Botany (3), Logic and Psychology (2), English (1), Elective (6).

FOURTH YEAR.

FIRST TERM.—Political Economy (3), English Literature (3), Essays and Orations (1), Astronomy (3), Psychology (2), Elective (3).

SECOND TERM.—Constitutional and International Law (3), English Literature (3), Essays and Orations (1), Geology (3), Moral Philosophy (2), Elective (3).

ELECTIVE STUDIES.—Studies to fill out the hours marked Elective in the above course, may be chosen from either or both of the lists of Elective Studies given under the CLASSICAL COURSE and SCIENTIFIC COURSE.

SCIENTIFIC COURSE.

This leads to the degree of Bachelor of Science, (B. S.)

FIRST YEAR.

FIRST TERM.—Algebra (4), German or French (3), or Latin (4), English (2), History (1), Entomology (1), Physiography (1), Physiology (3), Hygiene (six lectures), Practical Morals (six lectures).

SECOND TERM.—Geometry (4), German or French (3), or Latin (4), English (2), History (1), Entomology (1), Physiography (1), Zoology and Botany (3).

SECOND YEAR.

FIRST TERM.—Trigonometry (4), German or French (3), or Latin (4), English (1), Chemistry (3), Qualitative Chemical Analysis (3), Biological Laboratory (2).

SECOND TERM.—Analytical Geometry (4), German or French (3), or Latin (4), English (1), Chemistry (3), Qualitative Chemical Analysis (3), Biological Laboratory (2).

THIRD YEAR.

FIRST TERM.—Physics (4), Mineralogy (3), English (1), Elective (8).

SECOND TERM.—Physics (4), Geology (3), English (1), Elective (8).

FOURTH YEAR.

FIRST TERM.—Astronomy (3), Elective (12), (of which (6) must be devoted to Science).

SECOND TERM.—Elective (15), (of which (6) must be devoted to Science.)

ELECTIVE STUDIES.—Advanced Botany (3), Quantitative Chemical Analysis and Assaying (3), Surveying and Drafting (3), Calculus (4), Anatomy and Physiology of Domestic Animals (3), History (3), Psychology and Moral Philosophy (2), English Literature (3), Political Economy, Constitutional and International Law (3), French (3), German (3), Economic Entomology (2), Practical Horticulture (2), Agricultural Chemistry ($1\frac{1}{2}$), Metallurgy ($1\frac{1}{2}$), Mechanics ($1\frac{1}{2}$), Practical Geology (3), Essays and Orations (1), Physics (2), Logic and Psychology (2), Industrial Chemistry (3).

For TEACHERS' COURSE, see DEPARTMENT OF NORMAL INSTRUCTION.

For courses in AGRICULTURE, and CIVIL ENGINEERING and MINING, see COLLEGE OF AGRICULTURE AND THE MECHANIC ARTS.

For course in LAW, see SCHOOL OF LAW.

OPTIONAL COURSES.

The Faculty earnestly advises students to pursue one of the regular courses. But in proper cases they are allowed

to choose such studies out of the courses, as may be deemed most advantageous, provided they have fifteen class exercises a week, whether lectures, recitations or laboratory practice.

An optional course once chosen must be adhered to for the session, unless for special reasons the Faculty allows a change. No student is permitted to take a course not deemed by the Faculty worthy of his time and efforts.

Advanced or Post-Graduate Instruction.

Advanced instruction is now offered in the several departments of the University.

Students who wish to pursue an advanced course of study are received with or without reference to their being candidates for a degree. In all cases the professors must be satisfied that the student is prepared to follow the instruction in the course contemplated.

Candidates for a degree are required to make written application to the Faculty, stating the course they design to pursue. They must also present their diplomas or certificates from the institution with which they have been connected, testifying that they have completed a course corresponding to one of the under-graduate courses of the University.

The method of instruction will vary with the nature of the study, but the general aim will be to encourage students to undertake independent work in some special branch of study, while he is adding to his intellectual culture.

POST-GRADUATE COURSES.

[Applicants for a Master's degree must have completed the course leading to the corresponding Bachelor's degree.]

CLASSICAL COURSE.

For the degree of Master of Arts, (A. M.)

Three studies, pursued for one year, to be selected from the following groups, subject to the condition, that two studies may be selected from group 1, but not more than one from any other group ; and that one of the subjects in group 1 shall have been pursued as an Elective in the Under-Graduate Course :

1. Latin, Greek.
2. German, French, English.
3. Political Science, Mental and Moral Science, History.
4. Chemistry, Geology, Metallurgy, Natural History.
5. Mathematics, Natural Philosophy.

PHILOSOPHICAL COURSE.

For the degree of Master of Philosophy, (Ph. M.)

Three studies, pursued for one year, to be selected from the following groups, subject to the same condition as in CLASSICAL COURSE :

1. Latin, Greek, German, French, English.
2. Political Science, Mental and Moral Science, History.
3. Chemistry, Geology, Metallurgy, Natural History.
4. Mathematics, Natural Philosophy.

SCIENTIFIC COURSE.

For the degree of Master of Science, (M. S.)

Three studies, pursued for one year, to be selected from the following groups, subject to the same condition as in CLASSICAL COURSE :

1. Chemistry, Geology, Metallurgy, Natural History, Mathematics, Natural Philosophy.
2. Latin, Greek, German, French, English.
3. Political Science, Mental and Moral Science, History

COURSE FOR THE DEGREE OF DOCTOR OF PHILOSOPHY, (PH. D.)

This course requires two years.

For the *first year* the candidate may select any one of the courses offered for a Master's degree (A. M., PH. M., M. S.)

The *second year* will be devoted to a more extensive study of two of the subjects pursued in the first year.

SPECIAL CERTIFICATES.

A special certificate of graduation in a department (Latin, or Mathematics, or Chemistry, &c.) is awarded upon application, to any student who attains the required grade.

DEGREES.

BACHELOR'S DEGREES.

The Degree of Bachelor of Arts is conferred upon those students who have passed approved examinations on the studies enumerated in the under-graduate Classical Course.

The Degree of Bachelor of Philosophy is conferred upon those students who have passed approved examinations on the studies enumerated in the under-graduate Philosophical Course.

The Degree of Bachelor of Science is conferred upon those students who have passed approved examinations on the studies enumerated in the under-graduate Scientific Course.

The Degree of Bachelor of Pedagogics is conferred upon those students who have been graduated in any one of the

Academic Courses, and who, in addition, have passed approved examinations on the studies enumerated in the Normal Department.

MASTER'S DEGREES.

The Degree of Master of Arts is conferred upon those students who have been accepted as qualified candidates and have pursued, with residence, the post-graduate Classical Course, passing satisfactory examinations thereon, and submitting a suitable thesis.

The Degree of Master of Philosophy is conferred upon those students who have been accepted as qualified candidates, and pursued, with residence, the post-graduate Philosophical Course, passing satisfactory examinations thereon, and submitting a suitable thesis.

The Degree of Master of Science is conferred upon those students who have been accepted as qualified candidates and have pursued, with residence, the post-graduate Scientific Course, passing satisfactory examinations thereon, and submitting a suitable thesis.

DOCTOR OF PHILOSOPHY.

The Degree of Doctor of Philosophy is conferred upon those students who have been accepted as qualified candidates, and have pursued, with residence, the post-graduate course prescribed for this degree, passing satisfactory examinations thereon, and submitting a suitable thesis.

LITERARY DEPARTMENT.

KEMP P. BATTLE, LL. D.,

Professor of Political Economy, Constitutional and International Law.

ADOLPHUS W. MANGUM, A. M., D. D.,

Professor of Mental and Moral Science.

GEORGE TAYLOE WINSTON,

Professor of the Latin Language and Literature.

EBEN ALEXANDER, B. A., PH. D.,

Professor of the Greek Language and Literature.

THOMAS HUME, JR., A. M., D. D.,

Professor of the English Language and Literature.

WALTER D. TOY, M. A.,

Professor of Modern Languages.

OUTLINE OF INSTRUCTION.

POLITICAL ECONOMY, CONSTITUTIONAL AND INTERNATIONAL LAW.

President Battle.

UNDER-GRADUATE CLASSES.

1. POLITICAL ECONOMY.

Instruction is given by text-books and lectures to the senior class for three hours a week for the first term. The lectures are designed to throw light on the great economical questions of the day, such as Banking, Bi-metallism, Protection, Wages, Co-operation, &c.

2. CONSTITUTIONAL LAW.

Three hours a week for the greater part of the second term of the senior year are given to this study. It is preceded by a short course in the History of American Politics. The lectures give information concerning the history of the Constitution of North Carolina as well as of the United States. The facts and principles of many leading cases, settling the construction of the Constitution of the United States are given, and their connection with American history is pointed out.

3. INTERNATIONAL LAW.

A short course of lectures is given in this department to the senior class near the close of the second term.

POST-GRADUATE CLASSES.

POLITICAL ECONOMY.

In this class will be studied the works of such authorities as Roscher, Mill, Bagehot, McLeod, &c., and discussions will be required of the great unsettled questions of the Science, such as Banking, Bi-metallism, Protection, &c.

CONSTITUTIONAL LAW.

The subjects studied in this class will be the origin and development of the English Constitution, of the Constitution of the United States and of this State. The political histories of these countries will be carefully read. Considerable attention will be paid to the Roman Law. Such works as those of Hallam, Stubbs, Yonge, Green, Bancroft, Curtis, Von Holst, Hildreth, &c., will be used, and also the opinions of Chief Justice Marshall and other Judges of the Supreme Court in leading cases.

It will be the effort of the instructor to so guide the student that he may have material with which he may intelligently form his own conclusions on the great subjects of Constitutional Law and Political Economy, which as an American citizen it will be his duty to consider.

MORAL PHILOSOPHY.

Professor Mangum.

The work by under-graduates extends through the third and fourth years of the regular courses. Lectures on Practical Morals are delivered to first year students.

UNDER-GRADUATE CLASSES.

LOGIC.

Third year, first term, 2 hours a week.

PSYCHOLOGY.

Third year, second term, 2 hours a week.

MORAL SCIENCE.

Fourth year, first term, 2 hours a week.

MORAL SCIENCE AND CHRISTIAN EVIDENCES.

Fourth year, second term, 2 hours a week.

ADVANCED STUDY IN LOGIC AND PSYCHOLOGY.

(Elective). 2 hours a week through the year.

HISTORY OF PHILOSOPHY AND NATURAL HISTORY.

(Elective). 2 hours a week through the year.

TEXT-BOOKS LAST USED: Tigert's Logic, Janes' Psychology, Porter's Moral Science, Haven's History of Philosophy, McCosh on Development, and on Certitude, Providence and Prayer, and on Criteria of Truth, Deems on Evolution, Valentine's Natural Theology, Wright's Logic of Christian Evidences.

Suitable courses for post-graduates.

Method of instruction combines text-book and lecture.

THE LATIN LANGUAGE AND LITERATURE.

Professor Winston.

I. UNDER-GRADUATE WORK.

FIRST YEAR.

Freshman Class—Daily except Thursday.

The work includes,

- (1). The critical reading on class, after study, of Cicero and Livy.
Different selections are made each year.
- (2). The sight-reading of some easy Latin, including the Novum Testamentum.
- (3). Exercises in Latin Composition and the study of Latin Grammar.
- (4). A course of study in Roman History, Geography and Antiquities.
Occasional lectures are given as may seem expedient.

SECOND YEAR.

Sophomore Class—Daily except Tuesday.

The work includes,

- (1). The critical reading on class, after study, of Horace, Tacitus and Terence.
- (2). Written abstracts, translations and criticisms of the authors read.
- (3). Sight-reading.
- (4). Latin Composition and Grammar, by lectures and original exercises.
- (5). A course of study in Roman Antiquities, Mythology, Law and Literature and in Comparative Philology.

A regular course of lectures is given on Comparative Philology, with especial reference to the Latin elements in the English Language; on the development of the Latin Language and its decay; on Roman Antiquities, and on such other subjects as may require special treatment.

THIRD YEAR.

Junior and Senior Classes—(Elective)—Four hours a week.

The course is varied each year to meet the special wishes and requirements of the class. During the present year it is as follows:

- (1). The critical reading on class of Pliny's Letters and Juvenal's Satires.
- (2). Latin Composition in imitation of Pliny.
- (3). The sight-reading of Cicero, Ovid, Sallust.
- (4). The rapid and fluent reading of the *Æneid* (12 books), with special study of style, characters, &c.
- (5). Literary and critical theses.

Students admitted to these classes must have completed *with honor* the two preceding years of the course. The Latin Diploma is awarded to Juniors or Seniors, who attain the grade of ninety in scholarship during the last year of the study.

POST-GRADUATE WORK.

The post-graduate instruction is arranged for graduates of the University, or of other institutions of equal rank, desiring to obtain the degree of Master of Arts, Master of Philosophy or Doctor of Philosophy, or aiming to qualify themselves to be teachers of Latin. The course is varied to suit the requirements of each case. The work is done privately by the student, under the guidance of the professor, whom he meets once a week for consultation. The general character of the work is historical, philosophical, literary, philological, or critical, according to the desires and necessities of the student. During the present year a course of instruction has been given in the *Eclogues* and *Georgics* of Virgil and the *Metamorphoses* of Ovid. The work has been mostly critical and literary.

THE GREEK LANGUAGE AND LITERATURE.

Professor Alexander.

UNDER-GRADUATE CLASSES.

FIRST YEAR.

Freshman Class—Four recitations a week.

Lucian : *Vera Historia* ; review of important grammatical principles (Goodwin or Hadley-Allen) ; prose composition (once a week) ; Homer : 3 books of the *Iliad* ; selections from Herodotus or Plutarch ; History of Greece ; reading at sight throughout the year.

SECOND YEAR.

Sophomore Class—Four recitations a week.

Demosthenes : 3 Philippic Orations, or the Oration on the Crown ; Thucydides : Book VII ; Euripides : *Bacchantes* ; or, Sophocles : *Œdipus Tyrannus* ; Aristophanes : *Acharnians* ; prose composition, based on the texts read ; Greek History, Literature and Antiquities ; reading at sight. •

THIRD YEAR.

Junior and Senior Classes—(Elective)—Four recitations a week.

Plato : *Apology* and *Crito* ; Plutarch : *Moralia* ; Pindar : selected Odes ; Æschylus : *Prometheus* ; Homer : rapid reading of the *Odyssey* ; Greek Seminary (once a week) ; Modern Greek : a short course, mainly devoted to the reading of Greek newspapers ; reading at sight.

INSTRUCTION OF GRADUATES.

The work is arranged, so far as possible, to meet the needs of each student. Usually, the writings of some one author, or special departments of Literature, are continuously studied. Seminary methods are adopted. During 1888-9 the following courses will be offered:

- I. Educational theories of Greek writers, Aristotle, Plato and Plutarch.
- II. A critical survey of the Greek Drama, with the reading of representative tragedies and comedies.
- III. Greek Archæology, in connection with Pausanias's *Description of Greece* and recent works on the subject.
- IV. Greek Oratory, with the *Rhetoric* of Aristotle and the critical reading of Attic Orators.
- V. Philology and Comparative Grammar of Greek.

ENGLISH LANGUAGE AND LITERATURE.

(INCLUDING ANGLO-SAXON.)

Professor Hume.

UNDER-GRADUATE CLASSES.

FIRST YEAR.

Two hours a week.

Composition Grammar (Bain). Practical Rhetoric (Genung). Nineteenth Century Literature. Minto's Scott's Poems. Rolfe's Byron's Childe Harold. Parallel Reading in Scott's Prose Romances and Shakspeare's King John with English History. Skeat's Concise Dictionary.

SECOND YEAR.

One hour a week.

Historical Grammar (Morris or Lounsbury). The English of Shakspeare (Craik's Julius Cæsar). Studies in the Diction of the English Bible. Eighteenth Century Literature (Swift to Goldsmith), with parallel reading in Thackeray's Humorists and English Men of Letters Series.

THIRD YEAR.

One hour a week.

Art of Poetics (Gummere). Longer English Poems (Hale's). Shakspeare's Henry the Fourth and Henry the Fifth. Parallel Reading in Malory's Morte d'Arthur and Tennyson's Idyls of the King with Professor's Guide to Study and Written Exercises.

FOURTH YEAR.

LITERATURE.—*Three hours a week.*ESSAYS AND ORATIONS.—*One hour a week.*

LITERATURE.—Dowden's Shakspeare Manual, with special readings in Hudson. Richard the Third, with lectures on Shaksperian and other illustrations of English History. Two Comedies, with lectures on Sources and Characters and Study of Versification. Chaucer's Prologue and Two Tales. Spencer (Two Cantos). Hamlet (with printed Guide to Study). Milton (Browne's or Cleveland's Edition). Lectures on the History of the Language, on English Fiction, on The Sonnet.

ESSAYS AND ORATIONS.—Lectures on Methods of Composition, and History of Oratory. Essays of Bacon, Macaulay, Carlyle, Matthew Arnold, Emerson. Select Orations from Burke to Gladstone. Practice in Writing Analyses and Criticisms and in Speaking.

ANGLO-SAXON.

(*Elective*). *Three hours a week.*

Anglo-Saxon Grammar (Sweet). Gospel of John (Corson). Selections from Aelfric and King Alfred. The Saxon Chronicle. Layamon's Brut. Selections from the Ancren Riwele and the Ormulum. Marsh's Early History.

POST-GRADUATE COURSE.

Selections may be made from subjects or groups announced by the Professor. During the past two sessions the following courses have been studied. Nos. 1 and 2 during the first post-graduate year, and Nos. 3 and 4 during the second post-graduate year:

1. Comparative Saxon Grammar. Robert of Gloucester. Aenbite of Inwit. Pier's Plowman (Skeat's Edition). Wycliffite Scriptures. Beowulf (Harrison and Sharpe's Edition). Ten Brink's Early Literature.

2. Rise and Progress of the Drama in England, with Comparative Studies showing the influence of other Literatures. The Classical and Romantic Schools. History of the Drama in Schlegel and Ward and Hudson. Pre-Shaksperian Drama and Ben Jonson in Symonds. Chester Mysteries (New Shakspeare Society's Edition). Comedy from Roister Doister (Arber) through Green. Lyly's Court Comedies and Euphues. Shakspeare and Jonson, to Comedy of the Restoration. Tragedy from Gorboduc through Kyd, Marlowe, Shakspeare, Jonson, Marston, Heywood, Webster, to Beaumont and Fletcher, Massinger and Ford. Chronicle Plays from Peele through Marlowe to Shakspeare. Pastorals and Masques in Ben Jonson, Fletcher, Milton. Dryden and French Influence.

3. Beowulf (concluded). Exodus and Daniel (Hunt's Edition). Comparative Grammar. Norse Mythology.

4. History of English Poetry from Spencer to Tennyson. Clarendon Press and Globe Editions and English Men of Letters Lives of the Poets. Allegorical Poetry (Sackville's Mirror for Magistrates and Spencer's Faerie Queen.) Shepheard's Calender. The Sonnet from Surrey to Mrs. Browning with special studies in Shakspeare's Sonnets. Milton with readings in Masson's Life and the Areopagitica. Some readings in Sir T. Browne and Burton. The Metaphysical Poets. The Didactic and Correct School. (Dryden's Minor Poems and Satires, Pope's Pastorals, Didactic and Satirical Poems). Gosse's from Shakspeare to Pope reviewed. Cowper, Crabbe, Burns. Ballad and Narration Poetry (Scott). Nature and Man from Byron and Wordsworth to Tennyson and Browning.

MODERN LANGUAGES.

Professor Toy.

The subjects taught in this department are the French and German languages and their literatures.

UNDER-GRADUATE CLASSES.

I. FRENCH.

1. *Three times a week throughout the year.*

Whitney's Practical French Grammar. *Anecdotes nouvelles* or Fénelon: *Télémaque* or George Sand: *La Mare au diable* or Xavier de Maistre: *Voyage autour de ma Chambre*. Written and oral exercises. Masson's or Gasc's Dictionary.

2. *Three times a week throughout the year.*

Harrison's Syntax (for reference). Whitney's Practical French Grammar (second part). Erckmann-Chatrian: *Le Conscrit* de 1813, or Feuillet: *Le Roman d'un Jeune Homme Pauvre*; Racine: *Athalie* or *Esther*; Corneille: *Le Cid* or Molière: *Le Tartuffe*. French Literature (lectures, 2d term). Written exercises.

*3. (*Elective*). *Three times a week throughout the year.*

Introduction to the study of the French Drama. Molière: *Les Fourberies de Scapin*, *Le Médecin Malgré Lui*; Racine: *Athalie*, *Britannicus*; Corneille: *Le Menteur*; Victor Hugo: *Hernani*, *Ruy Blas*; Sandeau: *Mademoiselle de la Seiglière*.

Studies in Literature. Written Criticisms. Lectures and conferences on Dramatic Art.

II. GERMAN.

1. *Three times a week throughout the year.*

Joynes-Meissner's German Grammar. Grimm's *Märchen* or Hauff: *Das Kalte Herz*; Uhland: *Select Ballads* or Hauff: *Die Bettlerin*. Written and oral exercises. Whitney's or Thieme's Dictionary.

*2. *Three times a week throughout the year.*

Whitney's Compendious Grammar. Schiller: *Wilhelm Tell* or *Maria Stuart* or *Die Jungfrau von Orleans*; Lessing: *Minna von Barnhelm* or Goethe: *Egmont* or *Goetz von Berlichingen*. German Literature (2d Term). Study of certain historical periods to aid in the interpretation of the Literature. Written exercises.

*Not offered in 1888-'89.

3. (*Elective*). *Three times a week throughout the year.*

(General Course). *Aus Meinem Leben* (selections). Lessing: *Nathan der Weise*; Goethe: *Faust*, *Hermann und Dorothea*; Scheffels: *Der Trompeter von Säckingen*; Freytag: *Die Journalisten*; Ebers: *Homo Sum*. Study of general literary criticism. Informal conferences and discussion of theses.

In each language Class 1 is designed to give an *exact acquaintance* with the grammatical forms and the principles of syntax.

The instruction is given partly by grammatical textbooks and exercises, written and oral, but chiefly by a careful study of good prose. The class reads as widely as possible. At the end of the year the student is expected to translate simple prose at sight.

In Class 2 some difficult points of grammar are discussed, but most of the time is given to the reading and literary criticism of standard writers, classic and modern.

In Class 3 large amounts will be read, in order to obtain a just appreciation of certain literary periods.

POST-GRADUATE WORK.

Subjects for post-graduate work will be assigned upon application. Candidates from this University must have completed successfully the Elective Class (No. 3) in the language chosen. The work may be either of a literary or philological character, and must in all cases be done by original investigation. Outlines of work will be assigned, as nearly as possible, according to the ultimate aims of the student. The following are specimens of possible subjects:

1. *Le Romantisme Français*. 2. French Grammar and Literature in the Sixteenth Century. 3. Old French Grammar and the interpretation of selected texts. 4. Middle High German Grammar and the interpretation of selected texts (*das Niebelungenlied*, etc.). 5. Studies in German Poetry. 6. The German Drama. 7. Studies in French Poetry. 8. The French Drama.

Special lectures and regular conferences will be announced as occasion requires. The student will be instructed in the preparation of critical theses.

Nos. 5, 6, 7, 8 have been taken in 1887-'88, 1888-'89.

SCIENTIFIC DEPARTMENT.

RALPH HENRY GRAVES, B. SC., C. AND M. E.,
Professor of Mathematics.

FRANCIS PRESTON VENABLE, PH. D., F. C. S.,
Professor of General and Industrial Chemistry.

JOSEPH AUSTIN HOLMES, B. AGR.,
Professor of Geology and Natural History.

JOSHUA WALKER GORE, C. E.,
Professor of Natural Philosophy and Engineering.

WILLIAM B. PHILLIPS, PH. B., PH. D.,
Professor of Agricultural Chemistry and Mining.

JAMES LEE LOVE, PH. B.,
Associate Professor of Mathematics.

GEO. F. ATKINSON, PH. B.,
Associate Professor of Natural History.

OUTLINE OF INSTRUCTION.

MATHEMATICS.

Professor Graves and Associate Professor Love.

UNDER-GRADUATE CLASSES.

FIRST YEAR.

Four recitations a week.

In the first term the student finishes the study of Algebra, discussing Quadratic Equations, Arithmetical and Geometrical Progression, the Binomial Theorem and various other series, Permutations, Combinations, Logarithms, &c.

In the second term the study of Geometry is taken up and completed. The course embraces both Plane and Solid Geometry—as much as is included in Wentworth's or Chauvenet's text-books on the subject.

SECOND YEAR.

Four recitations a week.

Construction and use of Tables of Logarithms, Plane and Spherical Trigonometry, with applications, Analytic Geometry.

TEXT-BOOKS:—Newcomb's Trigonometry and Tables, Smith's Conic Sections.

THIRD YEAR.

(Elective). Four recitations a week.

Solid Analytical Geometry, Differential and Integral Calculus.

TEXT-BOOKS:—Smith's Solid Geometry, Williamson's Differential Calculus, Williamson's Integral Calculus.

POST-GRADUATE CLASSES.

The work in these classes extends over one or two years.

The studies consist of selections from more advanced topics, such as Theory of Equations, Theory of Determinants, Differential Equations, Modern Algebra, Modern Geometry, Quaternions, &c.

During a portion of the present session, a class has studied Solid Analytic Geometry.

Each student is constantly stimulated and assisted in his work and his progress is tested by oral and written examinations.

 CHEMISTRY.

Professor Venable.

UNDER-GRADUATE CLASSES.

GENERAL CHEMISTRY.

Three lectures a week through the year.

The facts and general principles of Chemistry are presented in the following order:

1. Chemical Physics.
2. The Chemistry of the Non-metals and Metals.
4. Organic Chemistry.

Instruction is given mainly by lectures, and these are illustrated by numerous experiments. The following reference books are recommended: Richter's Chemistry; Watts' Chemistry; Reimsen's Inorganic and Organic Chemistry; Roscoe & Schorlemmer's Treatise on Chemistry.

INDUSTRIAL CHEMISTRY.

Three lectures a week through the year.

A knowledge of General Chemistry is a pre-requisite to this course. The applications of Chemistry to the arts and manufactures will be considered under this heading.

The subjects treated of will be the manufacture of glass, porcelain and earthenware; foods, their production, preparation and adulteration; clothing, printing, dyeing, bleaching, tanning; building materials; manufacture of candles, soap, ink, matches, &c.

REFERENCE-BOOKS.—Wagner's Chemical Technology, Ure's Dictionary of Arts and Manufactures.

INDUSTRIAL MUSEUM.—Many specimens of crude and manufactured products have already been gathered for purposes of class illustration, and continual additions are being made to the collection.

POST-GRADUATE CLASS.

The study of Theoretical Chemistry will be pursued with such text-books as Reimsen, Wurtz and Meyer. The student will be required to prepare lists of chemical compounds, tabulate physical constants and make bibliographies of special chemical substances, using for the purpose chemical dictionaries and the various chemical periodicals.

ANALYTICAL CHEMISTRY.

Professor Venable and Professor Phillips.

UNDER-GRADUATE CLASSES.

The aim in this study will be to prepare students to become Analytical Chemists, Teachers of Chemistry, or Drug-gists. There are two classes.

QUALITATIVE ANALYSIS.

Three afternoons a week through the year.

Fall term—Blow-pipe Analysis. Spring term—Wet Analysis. *Text-books:* Landauer's Blow-pipe Analysis and Venable's Qualitative Analysis.

QUANTITATIVE ANALYSIS.

(Elective). Five afternoons a week through the year.

Full instruction is given in practical chemistry, including the analysis of ores, soils, manures, technical products, &c. Students are also encouraged to undertake original researches.

POST-GRADUATE WORK.

Advanced and post-graduate work will be assigned in inorganic or organic laboratory work to any student desiring it.

A deposit of ten dollars is required of each student to defray the cost of apparatus and chemicals. The new laboratories are provided with water, gas and all other appliances for the prosecution of scientific work.

AGRICULTURAL CHEMISTRY, MINERALOGY AND MINING.

Professor Phillips.

UNDER-GRADUATE CLASSES.

1. AGRICULTURAL CHEMISTRY.

(Elective). Three hours per week during fall term.

A knowledge of General Chemistry is required. Lectures and text-books to be announced at the beginning of the course.

2. MINERALOGY.

Three hours per week through the year.

Fall term—Crystallography and Descriptive Mineralogy. Spring term—Descriptive and Determinative Mineralogy. *Text-books:* Dana's Manual of Mineralogy and Petrography and Cornwall's Blow-pipe Analysis. *Reference-book:* Dana's System of Mineralogy.

Only those who have been approved in General Chemistry and Qualitative Analysis can enter this class.

Especial attention is given to Determinative Mineralogy, both by the blow-pipe and the system of Weisbach.

Access is afforded under care of the Professor to nearly 3,000 specimens of minerals.

MINING AND METALLURGY.

(Elective). Three hours a week, spring term.

Some knowledge of Chemistry, Geology and Mineralogy is required of every student. Subjects discussed: The Origin and Nature of Ore Deposits; Prospecting and Opening; Underground Work, Blasting, Hauling, Hoisting; Ore Dressing; Smelting. *Text-books*: Merivale's Notes for Mining Students; Bloxam and Huntingdon's Metals. *Books of Reference*: Phillips' Ore Deposits; Percy's Metallurgy.

An excellent collection of ores, fuels, and metallurgical products is accessible to the class, under care of the Professor.

ASSAYING.

(Elective).

The course in Assaying begins in January and continues two months, or longer if desired.

TEXT-BOOK: Rickett's Notes on Assaying. *Reference-book*: Mitchell's Assaying.

GEOLOGY AND NATURAL HISTORY.

Professor Holmes and Associate Professor Atkinson.

I. GEOLOGY.

Professor Holmes.

UNDER-GRADUATE CLASSES.

The instruction in this subject includes the following:

1. GENERAL GEOLOGY.

Three lectures per week during the second term.

The lectures are accompanied by occasional field excursions and work in the laboratory.

2. PRACTICAL GEOLOGY.

(Elective). Three hours per week throughout the year or during either term.

To this class are admitted students who have passed satisfactorily the examination in General Geology.

During the first term the time is devoted to Field Geology and Lithology.

During the second term the nature of the work varies according to circumstances.

The Geological Laboratory is provided with microscopes, microscopic sections of common rocks and minerals, and collections of rocks and minerals.

TEXT-BOOKS AND BOOKS OF REFERENCE: LeConte's Elements of Geology, Dana's Manual of Geology, Geikie's Text-Book of Geology, Geikie's Field Geology, Williams' Economic Geology, Reports of U. S. Geological Survey, North Carolina and other State Surveys.

POST-GRADUATE WORK.

Post-graduate courses have been arranged as follows :

1. In General Geology, including the general principles of Dynamical, Structural and Historical Geology.
2. Economic Geology, in which special attention is given to the Geology of North Carolina.
3. Lithology and Field Geology, including special study of rocks, and geological field work about Chapel Hill and in other sections of the State during the summer vacation.

Text-books and details of courses will be given as these courses are assigned.

II. BOTANY.

Professor Holmes.

UNDER-GRADUATE CLASSES.

The following courses are offered :

1. ELEMENTS OF BOTANY.

Three lectures per week during the latter half of the second term.

This is designed as an elementary course for the general student, and as an introductory course for students intending to do advanced work in Botany.

2. ADVANCED BOTANY.

(Elective). Three hours per week during the year.

Under this heading two classes have been organized. These alternate, the instruction in each being given every two years.

(a) SYSTEMATIC AND APPLIED BOTANY.

The work in this class consists largely of the systematic study of the flowering plants of the Chapel Hill region, in the laboratory and in the field. Students who desire to do so, may collect, identify and preserve specimens of plants at their homes during the summer vacation; and such specimens properly mounted will be counted in the class work for that year.

(b) AGRICULTURAL BOTANY.

The course may be sub-divided into the following:

(1) Cryptogamic Botany, in which special attention is paid to the fungoid diseases of agricultural plants.

(2) Grasses and Forage plants, taken up during the first half of the second term.

(3) Vegetable Physiology, in which special attention is given to the growth of agricultural plants as affected by cultivation, different kinds of soils and fertilizers.

3. HORTICULTURE.

(Elective). Two lectures per week through the year.

During the first term the instruction is devoted mainly to the subjects of forestry, orchards and vineyards.

During the second term the following subjects are treated:

Farm and garden soils; cultivation of common vegetables and garden fruits; some general principles in landscape gardening.

TEXT-BOOKS AND BOOKS OF REFERENCE: Gray's Lessons and Manual of Botany, Gray's Botanical Text-books, Chapman's Southern Flora, Sach's Text-books, Bessey's Botany, and others of a special character.

The laboratory contains a small herbarium and collections of native woods and other vegetable products.

POST-GRADUATE WORK.

Post-graduate work in Botany will embrace the following courses:

1. Work in the field and laboratory on the Chapel Hill flora.
 2. Special work on special groups of plants.
 3. A general course in Economic and Systematic Botany.
- Text-books and details furnished on application.

III. ZOOLOGY.

Professor Atkinson.

UNDER-GRADUATE CLASSES.

Instruction will be given in the following subjects:

1. HYGIENE.

A course of five lectures will be given at the beginning of the first term relating to the care of the general health.

2. PHYSIOLOGY.

Three lectures per week during the first term.

Special attention will be given to the comparative physiology of respiration and circulation. The lectures will be illustrated by microscopic exhibitions of some of the lower forms of animal life, the tissues and blood of higher animals, circulation of blood in the web of a frog's foot, and by painless experiments upon animals.

3. GENERAL ZOOLOGY.

Three lectures per week during the first half of the second term.

A part of the time will be devoted to the study of representative forms by the student himself.

4. BIOLOGICAL LABORATORY.

In this course facilities will be offered for practical work in the dissection of animals, illustrating and amplifying the studies in physiology and general zoology. After becoming familiar with methods in the preliminary work, the student may elect, upon consultation with the Professor in charge, a line of work more suited to his taste and needs.

During the second term of this study, the student may, with the Professor's permission, devote special attention to ORNITHOLOGY. This work will be conducted by lectures, laboratory and field work. Attention will be given to birds, beneficial and injurious, to the habits of birds in migrations, nesting, etc., and to the collection and preservation of specimens representing the birds of North Carolina. The study occupies five hours of actual work per week, and counts two hours per week for one year.

5. ENTOMOLOGY.

A course extending through the year in the study of insects will be given introductory to the study of general zoology and economic entomology. The study will be conducted by means of lectures, and field excursions. This is intended to lay the foundation for more satisfactory work in advanced entomology. The course counts one hour per week for one year.

6. ADVANCED ENTOMOLOGY.

(Elective).

In the advanced work facilities are offered for various courses, as the student may desire. Some of the courses are as follows:

ECONOMIC ENTOMOLOGY.—Special attention will be given to the habits and life history of insects injurious to vegetation, and remedies for insect ravages. Facilities will be offered for original work in breeding insects and noting their transformations.

INSECT BIOLOGY AND CLASSIFICATION.—Under this head students who have attained a fair degree of excellence in the elementary work, may pursue various courses with the special object of training for original scientific work. In all of the advanced courses lectures will be given upon the classification and metamorphoses of insects. Field excursions for the purpose of collecting insects and observing their habits in nature will form an important feature of the work. The course counts two hours a week throughout the year.

7. ANATOMY AND PHYSIOLOGY OF DOMESTIC ANIMALS.

Three hours per week during the first term.

The course will be given once in two years, alternating with 8.

8. FEEDING AND BREEDING OF DOMESTIC ANIMALS.

Three hours per week during the first term.

The course will be given once in two years, alternating with 7.

Special arrangements will be made with students wishing to collect specimens for the museum during the summer vacation, so that the work will count in one of their courses. Upon application the Professor in charge will give further information.

TEXT-BOOKS AND BOOKS OF REFERENCE: Martin's Human Body; Flint's Text-book of Human Physiology; Yeo's Manual of Physiology; Parke's Hygiene; Dalton's Physiology; French's Butterflies of the Eastern United States; Saunder's Insects Injurious to Fruits; Harris' Insects Injurious to Vegetation; Packard's Guide to the Study of Insects; Claus' Text-book of Zoology; Brooks' Hand-book of Invertebrate Zoology; Huxley's Anatomy of Invertebrate Animals; Huxley's Anatomy of Vertebrate Animals; Wilson's American Ornithology; Coues' Key to Birds of North America; and others.

The laboratory contains a large and valuable collection of insects and over one hundred different kinds of birds, also many animals.

POST-GRADUATE WORK.

1. There will be post-graduate courses in Animal Biology, Systematic Zoology and Physiology.

2. ENTOMOLOGY.—The post-graduate courses in this subject have been arranged as follows:

a.—SYSTEMATIC ENTOMOLOGY, including the identifying of a number of species representative of the more important orders. If desired, a special study of any one group may follow the general principles of classification.

b.—ECONOMIC ENTOMOLOGY.—In this course advanced work will be pursued on the subject as outlined in 6 of the under-graduate work. In addition, the student will be expected to conduct experiments with remedies for injurious insects.

NATURAL PHILOSOPHY AND ENGINEERING.

Professor Gore.

UNDER-GRADUATE CLASSES.

PHYSICS.

Junior Class, four hours a week through the year.

During the first term an elementary course is given, and during the second term the class studies certain parts of the subject in a more extended manner.

TEXT-BOOKS: Stewart's Physics, Deschanel's Natural Philosophy (Parts III and IV.)

PHYSICS.

(Elective). Two hours a week through the year.

This class is offered to allow those students who are sufficiently interested to continue the subject as pursued during the second term of the required course.

Text-books announced at the beginning of session.

ASTRONOMY.

Three hours a week during the first term.

The subject is pursued as a branch of liberal education, and hence treats of Spherical, Practical and Theoretical Astronomy, and Cosmical Physics. An elementary knowledge of Analytic Geometry is required for admission to the class.

TEXT-BOOK: Newcomb and Holden's Astronomy.

MECHANICS.

(Elective). Three hours a week during the second term.

The subject includes Statics, Dynamics, the Theory of Central Forces and an introduction to Rigid Dynamics. It is studied with the aid of Pure Mathematics, and constitutes a portion of Applied Mathematics. For admission to this class an elementary knowledge of Analytic Geometry is necessary.

TEXT-BOOK: Todhunter's Mechanics.

SURVEYING.

(Elective). Three hours a week during the first term.

Theory and Use of Instruments, Measuring of Land, Laying Off and Dividing Up of Land, and Platting Surveys.

PROJECTION DRAWING.

(*Elective*). *Three hours a week during the second term.*

Descriptive Geometry, Orthogonal and Oblique Projections, Projections of Shades and Shadows, Working Drawing of Machines and Detail Drawings.

ADVANCED OR POST-GRADUATE CLASSES.

PHYSICS.—Students will be admitted to this class who have completed the junior class or its equivalent. The instruction will include: Method of Least Squares, Reduction of Observations, study of advanced works on selected portions of Physics, and the use of apparatus for illustration and class-room experiments.

MECHANICS.—Members of this class will study advanced works on the subjects of Statics and Dynamics with the aid of Differential and Integral Calculus.

NORMAL DEPARTMENT.

KEMP P. BATTLE, LL. D.,
President.

NELSON B. HENRY,
Professor of the Science and Art of Teaching.

The Normal Department, designed to train teachers for the schools of the State, has been established in accordance with the Constitution thereof, and by recent Act of the Legislature, is free of tuition to young men preparing themselves for the purpose of teaching, on the condition that they sign a pledge to teach at least one year after leaving the University.

On passing approved examinations upon the studies enumerated in the Normal Department, the student will receive a certificate attesting this fact, and setting forth the degree of proficiency attained.

NORMAL COURSE.

FIRST YEAR.

FIRST TERM.—English (2), Algebra (3), Physiology (3), History of North Carolina (2), Commercial Arithmetic (1), Reviews and Methods of Teaching (5).

SECOND TERM.—English (2), Algebra (3), Zoology and Botany (3), History of the United States (2), Book-keeping (1), School Economy (4).

SECOND YEAR.

FIRST TERM.—English (1), Algebra (4), Physical Geography (1), Elocution (2), Chemistry (3), or Physics or Latin (4), Graded Schools (3), Seminary (1).

SECOND TERM.—English (1), Physical Geography (1), Geometry (4), Chemistry (3), or Physics or Latin (4), Methods of Culture (2), History of Education (3), Seminary (1).

*OUTLINE OF INSTRUCTION.

SCIENCE AND ART OF TEACHING.

Professor Henry.

METHODS OF TEACHING.

For number of recitations see Normal Course.

As will be seen, the elementary branches constitute the course. Each subject is presented (1) from the standpoint of the pupil, and (2) from that of the teacher—"What am I to learn, how am I to teach it?" Importance is attached to methods of teaching in every branch, but particular stress is laid upon Grammar and Arithmetic.

SCHOOL ECONOMY.

Four times weekly the second term.

School houses and grounds, school organization, course of study and daily programme, school ethics, qualifications of the teacher, the patrons and school officers.

GRADED SCHOOLS.

Three times weekly the first term.

Organizing and grading city schools, examinations, promotions, records, reports, institute work, the superintendent and his assistants, educational literature, etc.

HISTORY OF EDUCATION.

Three times weekly the second term.

Historical development of education among the nations of antiquity, stress laid upon the progress of modern education in Europe and the United States.

METHODS OF CULTURE.

Twice weekly the second term.

Psychology and culture of perception, memory, imagination, reasoning, the feelings and the will; natural order of mental development and consequent order of studies; the temperaments and their influence upon school life.

SEMINARY.

Alternate Tuesday evenings.

The study of special topics. Occasional lectures from distinguished educators.

*For the Outline of such studies in the Normal Course as do not appear below, see Literary and Scientific Departments.

COLLEGE OF AGRICULTURE

AND

THE MECHANIC ARTS.

FACULTY.

KEMP P. BATTLE, LL. D.,
President.

FRANCIS P. VENABLE, PH. D., F. C. S.,
Professor of General and Industrial Chemistry.

JOSEPH A. HOLMES, B. AGR.,
Professor of Geology, Botany and Horticulture.

JOSHUA W. GORE, C. E.,
Professor of Natural Philosophy and Engineering.

WILLIAM B. PHILLIPS, PH. B., PH. D.,
Professor of Agricultural Chemistry and Mining.

GEO. F. ATKINSON, PH. B.,
Associate Professor of Zoology and Entomology.

NOTE.—In the studies of the courses given below, which are not included under the above professorships, instruction is given by the other members of the University Faculty in whose departments these studies respectively belong.

This college is established in connection with the University in obedience to the act of the General Assembly of North Carolina of March, 1867, transferring to the University the Land Scrip granted to the State by Act of Congress of July 2d, 1862, commonly known as the Land Grant Act. By the terms of the last mentioned act the interest of the fund must be inviolably appropriated “to the endowment, support and maintenance of at least one college, where the leading object shall be, without excluding other scientific and classical studies, and including military tactics, to teach such branches of learning as are related to agriculture and the mechanic arts, in such manner as the legislatures of

the States may respectively prescribe, in order to promote the liberal and practical education of the industrial classes in the several pursuits and professions of life." By the Act of Assembly of March, 1867, the University is to have at least two professorships devoted to the instruction above prescribed.

In accordance with the provisions of the above mentioned acts of Congress and the General Assembly, courses of study are offered in AGRICULTURE, and ENGINEERING and MINING.

AGRICULTURE.

I. FOUR YEARS' COURSE.

This leads to the degree of Bachelor of Science (B. S.) with a Certificate in Agriculture.

The first two years of this course are the same as the corresponding years of the SCIENTIFIC COURSE. See page 47.

THIRD YEAR.

FIRST TERM.—Mechanics (4), Mineralogy (3), Industrial Chemistry (3), Agricultural Botany (3), Entomology (2).

SECOND TERM.—Physics (4), Geology (3), Industrial Chemistry (3), Agricultural Botany (3), Entomology (2).

FOURTH YEAR.

FIRST TERM.—Land Surveying (3), Astronomy (3), Domestic Animals (3), Horticulture (2), Elective (4).

SECOND TERM.—Agricultural Chemistry (3), Horticulture (2), Elective (10).

II. TWO YEARS' COURSE.

This course leads to no degree, but students completing it, and attaining the proper degree of proficiency in the several studies, will receive a certificate to that effect.

FIRST YEAR.

FIRST TERM.—Algebra (4), Physiology (3), Chemistry (3), Qualitative Laboratory Practice (3), English (2), Entomology (1), Hygiene, six lectures.

SECOND TERM.—Geometry (4), Zoology and Botany (3), Chemistry (3), Qualitative Laboratory Practice (3), English (2), Entomology (1).

SECOND YEAR.

FIRST TERM.—Mechanics (4), Agricultural Botany (3), Anatomy and Physiology of Domestic Animals (3), Injurious and Beneficial Insects (2), Principles of Horticulture (2), Business Law (1).

SECOND TERM.—Agricultural Chemistry (3), Geology (3), Agricultural Botany (3), Feeding and Breeding of Domestic Animals (3), Injurious and Beneficial Insects (1), Practical Horticulture (2).

CIVIL ENGINEERING AND MINING.

FOUR YEARS' COURSE.

The course leads to the degree of Bachelor of Science (B. S.) with a Certificate of Civil Engineering and Mining.

The first two years of the course are the same as the corresponding years of the SCIENTIFIC COURSE. See page 47.

THIRD YEAR.

FIRST TERM.—Physics (4), Mineralogy (3), Calculus (4), Surveying and Drafting (3).

SECOND TERM.—Physics (4), Geology (3), Calculus (4), Surveying and Drafting (3).

FOURTH YEAR.

FIRST TERM.—Engineering (3), Mining and Assaying (3), Quantitative Chemical Analysis (3), Practical Geology (3), Astronomy (3).

SECOND TERM.—Engineering (3), Metallurgy (3), Quantitative Chemical Analysis (3), Theoretical Mechanics (3), Elective (3).

SCHOOL OF LAW.

HON. KEMP P. BATTLE, LL. D.,
President.

HON. JOHN MANNING, A. M., LL. D.,
Professor.

This department contains two classes :

1. The Independent Class.
2. The Junior Class.

While particular attention is directed to preparation for obtaining license to practice law in the courts of this State, the student will be invited to pursue a more extended course, and to obtain a broad and liberal knowledge of the law.

Wherever the law of North Carolina differs from that enunciated in the text-books, information is given of such difference and the reason therefor. Lectures are given from time to time on such subjects as have been greatly modified by our statutes, such as Marriage, Descent, Wills, Limitations, Exemptions from Executions, &c.

A Moot Court for the discussion of law questions, and for instruction in the practice of the Courts, is regularly held by the Professor.

- THE PLAN OF STUDIES comprises : (A) The course prescribed by the Supreme Court of the State for applicants for license to practice. (B) A course of study for those desiring to compete for the degree of Bachelor of Laws.

Text-books : (A) Blackstone's Commentaries, Washburn on Real Property, Schouler on Executors, Stephen on Pleading, Chitty's Pleading, Adams' Bispham's Equity, 1st Greenleaf on Evidence, Smith on Contracts, Addison or Bigelow on Torts, Constitution of the United States and of North Carolina, Code of North Carolina, particularly the Code of Civil Procedure. (B) Pollock on Contracts, Pierce on American

Railroad Law, Angell & Ames or Dillon on Corporations, Pomeroy's Equity Jurisprudence, Cooley's Constitutional Limitations, Wharton's Criminal Law, Best's Principles of Evidence, Cooley on Taxation, and May on Insurance.

To complete the entire course will ordinarily require two years, at the end of which the degree of Bachelor of Laws will be conferred on such students as shall pass an approved examination.

Those joining class (A) during the course, standing an approved examination on the books already read, or their equivalents, will be allowed to compete for this degree.

The advantages offered by this school are : 1. The use of the University and Society libraries, amounting in the aggregate to over twenty-five thousand volumes. 2. The training to be derived from participation in the debates and other exercises of the two literary societies. 3. The opportunity afforded, on easy terms, of attending the lectures of the President, and such other lectures as they may desire. 4. Freedom from temptation and the stimulant to study found in the University regulations, and in the atmosphere of study and of books pervading Chapel Hill.

TERMS, PAYABLE IN ADVANCE: For both courses, "A" and "B," \$150. For the Independent Class per session of forty weeks, five recitations per week, \$90. For the Junior Class per session of forty weeks, one recitation per week, \$40.

The Junior Class is intended for young men attending other classes in the University.

SUMMER COURSE.

The summer course will begin July first and continue until the last Monday in September. Two classes, Senior and Junior. Fees for Senior \$30.00, for Junior \$30.00, for both \$50.00.

Students will be received at any time and for any period. In such cases, reasonable deduction of tuition fees will be made.

The sessions and vacations of this department (except those of the summer course) are the same as those of the University.

DONATIONS

During the Year Ending April 1st, 1888.

TO THE UNIVERSITY LIBRARY.

By Henry Shaw,	By Treasury Department,
Hon. W. R. Cox,	Department of State,
Hon. Samuel R. Miller,	Department of Interior,
Edmund Quincy,	Bureau of Education,
Mrs. Professor Winston,	Agricultural Department,
Rev. N. B. Cobb,	Patent Office,
Col. J. L. Peyton,	U. S. Geological Survey,
Prof. N. H. Winchell,	Smithsonian Institution,
Hon. Carroll D. Wright,	Bureau of Ethnology,
State Department of North Carolina,	Chief Engineer U. S. A.,
Royal Society of Canada,	H. V. Poor.

TO THE DIALECTIC LIBRARY.

By Hon. Z. B. Vance,	By Secretary of Navy,
Secretary of State,	Prof. Thomas Hume, Jr.,
Secretary of Interior,	S. B. Weeks.

TO THE DIALECTIC SOCIETY.

Oil portrait of Hon. Paul C. Cameron,
Oil portrait of J. S. Carr, Esq.

TO THE PHILANTHROPIC LIBRARY.

By S. B. Weeks,	By Secretary of Treasury,
Y. M. C. Association,	Prof. Thos. Hume, Jr.,
Department of State,	Thos. Satterthwaite.
Mexican Minister,	

TO THE PHILANTHROPIC SOCIETY.

Oil portrait of Hon. Jacob Thompson,
Oil portrait of Judge Wm. Shepherd Bryan,
Oil portrait of Hon. W. L. Saunders.

TO THE READING ROOM.

BY THE PUBLISHERS: Tobacco Plant, Asheville Citizen, The New Era, Daily Review, Orange County Observer, The Lenoir Topic, Danbury Reporter-Post, Transcript Messenger, North Carolina Presbyterian, Raleigh Christian Advocate, Watchman, Greensboro North State, The Torchlight, Press and Carolinian, Franklin Times, Norfolk Virginian, Winston Sentinel, Charlotte Democrat, Pine Knot, American Missionary, N. C. Teacher, N. C. Medical Journal, Homilectic Review (Dr. Deems), Academy (Prof. Alexander), American Journal of Education and Journal of Education (Prof. Henry), Mining and Engineering Journal (Prof. Phillips).

